AREA 3 SUPPORT BUILDINGS (A3SB)
H5-0992, H5-0996 PRL 218
CONFIRMATORY SAMPLING REPORT
(Revision 0)
KENNEDY SPACE CENTER, FLORIDA

Prepared for:

National Aeronautics and Space Administration
Kennedy Space Center, Florida

July 2015

Prepared by:

MESC/IHA Environmental Services Branch
Environmental Sampling, Analysis and Monitoring Section
IHA-4300/IHA-022
Kennedy Space Center, Florida 32899
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July 2015

This report was prepared in accordance with sound professional practices. The figures, tables and text have been reviewed and certified by a Professional Geologist registered in the State of Florida.

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ACRONYMS

A3SB	Area 3 Support Buildings
AOC	Area of Concern
AZ	Azimuth
B(a)P Eq.	Benzo(a)pyrene Equivalents
BIG	Basic Information Guide
bls	below land surface
C-PAHs	Carcinogenic Polynuclear Aromatic Hydrocarbons
CCAFS	Cape Canaveral Air Force Station
CS	Confirmatory Sampling
CSR	Confirmatory Sampling Report
CSWP	Confirmatory Sampling Work Plan
COPCs	Compounds of Potential Concern
CTLs	Cleanup Target Levels
DPT	Direct Push Technology
EDE	Electronic Data Exchange
EPA	Environmental Protection Agency
ESAM	Environmental Sampling, Analysis and Monitoring
EM	Electromagnetic
FDEP	Florida Department of Environmental Protection
FID	Flame Ionization Detector
FLPRO	Florida Petroleum Residual Organic
ft	feet
F&W	US Fish and Wildlife Service
GCTLs	Groundwater Cleanup Target Levels
GPR	Ground Penetrating Radar
HDPE	High Density Polyethylene
HSWA	Hazardous and Solid Waste Amendment
IHA	InoMedic Health Applications, Inc.
KAG	Kerosene Analytic Group
KEDDs	KSC Electronic Data Deliverables
KSC	Kennedy Space Center
LEP	Licensed Environmental Professional
LOC	Location of Concern
LUCIP	Land Use Control Implementation Plan
µg/L	micrograms per liter
mg/kg	milligrams per kilogram
MESC	Medical and Environmental Support Contract
MINWR	Merritt Island National Wildlife Refuge
MSDS	Material Safety Data Sheet
MSL	Mean Sea Level
NAGPRA	Native American Graves Protection and Repatriation Act
NASA	National Aeronautics and Space Administration
NFA	No Further Action

ACRONYMS
(Continued)

OSST	Old Service Station Tanks
OVA	Organic Vapor Analyzer
PAHs	Polycyclic Aromatic Hydrocarbons
PG	Professional Geologist
ppm	parts per million
PVC	Polyvinyl Chloride
PRL	Potential Release Location
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
RIS	Remediation Information System
SA	SWMU Assessment
SAR	SWMU Assessment Report
SB	Soil Boring
SCTLs	Soil Cleanup Target Levels
SJRWMD	St. Johns River Water Management District
SLF	Shuttle Landing Facility
SOP	Standard Operating Procedures
SR	State Road
SSHASP	Site Specific Health and Safety Plan
ST18	Sewage Treatment Plant 18
SVOCs	Semi-Volatile Organic Compounds
SWMU	Solid Waste Management Unit
TAL	Target Analyte List
TATL	TestAmerica Laboratories, Inc.
TPH	Total Petroleum Hydrocarbons
UES	Universal Engineering Services, Inc.
USGS	United States Geological Survey
VOCs	Volatile Organic Compounds

EXECUTIVE SUMMARY

The Area 3 Support Buildings site (A3SB) consists of two separate areas located on the north side of Beach Road in the northern portion of Kennedy Space Center, Florida (KSC), outside the secured perimeter of KSC. The A3SB areas are approximately 0.6 miles apart, and were developed as Shiffler's Grocery Store and Service Station (west site) and as a residence (east site) prior to acquisition by the National Aeronautics and Space Administration (NASA) in 1963. Both areas were used by the Bendix Company in support of NASA as chemical laboratories from 1963 through 1969. Both of the buildings were demolished by 1987. The west portion of the site was used by the US Fish & Wildlife Service (F&W) in support of the Merritt Island National Wildlife Refuge (MINWR) for parking at the entrance to the Hammock Trails from 1969 to the present. The east portion of the site was used for intermittent suspect materials staging in the early 1990s and is still used as an apiary location, but is otherwise no longer active.

In support of the NASA HSWA permit requirements, this site was identified as Potential Release Location (PRL) 218 and a Solid Waste Management Unit (SWMU) Assessment (SA) was conducted in 2013. Confirmatory Sampling (CS) was recommended and approved by the KSC Remediation Team (KSCRT). Three locations of concern (LOCs) were identified and sampled at the site. The LOCs include two former chemical labs and a former suspect staging area.

The CS was conducted in March of 2015 at three locations by means of Direct Push Technology (DPT) groundwater sampling and at one location for soil sampling. The samples were collected and analyzed in accordance with the approved CS Work Plan. There were no exceedances of criteria detected in any of the samples from the three LOCs.

The results of this investigation indicate that past and/or present operations have not negatively impacted environmental media at the A3SB. Based upon no confirmed groundwater detections above GCTLs and no soil impacts above applicable screening criteria no further investigation is warranted at the A3SB. A No Further Action (NFA) status for all locations was approved by the KSCRT at the June 2015 meeting.

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H5-0992, H5-0996 PRL 218
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1.0 INTRODUCTION

The Hazardous and Solid Waste Amendment (HSWA) portion of the National Aeronautics and Space Administration (NASA) Resource Conservation and Recovery Act (RCRA) Permit (EPA ID No. FL 6 800 014 585), issued by the Florida Department of Environmental Protection (FDEP), requires identification and evaluation of all known Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs) located on Kennedy Space Center, Florida (KSC) property. In support of this requirement, the Area 3 Support Buildings (A3SB), H5-0992/H5-0996, was identified as Potential Release Location 218 (PRL 218). A SWMU Assessment (SA) was conducted in 2013, and Confirmatory Sampling (CS) was conducted in March of 2015.

This CS Report (CSR) was prepared by InoMedic Health Applications, Inc. (IHA), Environmental Services Branch, Environmental Sampling, Analysis and Monitoring Section (ESAM), which supports the NASA/KSC Environmental Assurance Branch as part of the Medical and Environmental Support Contract (MESC) at KSC. The report presents a brief summary of the SA findings and detailed information on the CS that was conducted by ESAM.

The findings of the SA and proposed CS Work Plan (CSWP) were discussed at the August 2013 KSC Remediation Team Meeting and approved by the Team. The CS was conducted in March of 2015 and the results were presented and discussed at the June 2015 Team meeting. The recommendation of No Further Action (NFA) for this site was approved by the Team. Copies of the KSC Remediation Team Meeting Minutes pertaining to the A3SB are included as Appendix 1 of this report.

2.0 SITE LOCATION, DESCRIPTION AND HISTORY

The A3SB consists of two separate areas located on the north side of Beach Road in the northern portion of KSC, outside the secured perimeter of KSC. The A3SB areas are approximately 0.6 miles apart, and were developed as Shiffler's Grocery Store and Service Station (west site) and as a residence (east site) prior to acquisition by NASA in 1963. Both areas were used by the Bendix Company in support of NASA as chemical laboratories from 1963 through 1969. Both of the buildings were demolished by 1987. The west portion of the site was used by the US Fish & Wildlife Service (F&W) in support of the Merritt Island National Wildlife Refuge (MINWR) for parking at the entrance to the Hammock Trails from 1969 to the present. The east portion of the site was used for intermittent suspect materials staging in the early 1990s and is still used as an apiary location, but is otherwise no longer active.

In support of the NASA HSWA permit requirements, this site was identified as PRL 218 and a SA was conducted in 2013. The SA included the former Shiffler's Gas Station and Grocery Store, the former Bendix Gas Detection Laboratory (H5-0992), the former Lynam Residence, the former Bendix Administration Building/Laboratory (H5-0996), a suspect staging area and associated structures and areas as identified in the SA report.

2.1 Site Location

KSC is centrally located on the east coast of Florida, to the north and west of Cape Canaveral (Figure 1). It is situated in Brevard and Volusia Counties between the Merritt Island Barge Canal to the south, the town of Oak Hill to the north, the Atlantic Ocean and CCAFS to the east, and the Indian River to the west. A large portion of the area, between the Indian River and the Atlantic Ocean, is situated in the northern part of Brevard County on Merritt Island, with the extreme north boundary extending about 7 miles into Volusia County. The A3SB is located in Sections 21 and 22, Township 21S, Range 36E of the Wilson Topographic Quadrangle (USGS 1979).

The two portions of the A3SB are located on the northern part of KSC, approximately 0.6 miles apart, on the north side of Beach Road (State Road 402). The western portion of the site is located approximately 1.4 miles north of the KSC normal secured perimeter at Gate 4 on Kennedy Parkway North, also known as State Road 3 (SR3), approximately 1.25 miles west of the intersection of Beach Road and Kennedy Parkway North and approximately 0.6 miles north of the Shuttle Landing Facility (SLF) runway. The eastern portion of the A3SB is located approximately 0.8 miles north of the KSC normal secured perimeter at Gate 4 on Kennedy Parkway North, approximately 0.6 miles west of the intersection of Beach Road and Kennedy Parkway North and approximately 0.4 miles north of the SLF runway. No off-site impacts have been identified at this site.

2.2 Site Description and History: A3SB-West

The western portion of the site is a rectangular-shaped area comprised of approximately 104,000 ft² or about 2.4 acres. The dimensions of the site are approximately 320 ft long from north to south, by 330 ft wide from east to west. The site consists of an oval-shaped, stabilized parking area, with a maintained, vegetated median, surrounded by natural vegetation. The entrance for Hammock Trails, as part of the MINWR, is to the north of the parking area. The trails extend to the northeast and northwest. A site map is presented in Figure 2.

The western portion of the site was developed prior to NASA acquisition in 1963 as a grocery store and service station. According to the 1961 NASA Real Estate Planning Report, 1958 and 1962 historical photos, and information obtained from a 2003 investigation of Old Service Station Tanks (OSST), the site was first developed as Shiffler's Grocery Store and Service Station sometime between 1951 and 1958. After NASA acquisition, the existing building was identified in the 1967 AD HOC Committee Report as Shiffler Tract 3237 and was assigned Real Property number H5-992.

According to the AD HOC Report and Real Property records, the Bendix Company was originally approved to use this and other buildings to support NASA operations as storage facilities. The records show however, that the buildings were instead being used for administrative offices, gas analysis and chemical laboratories. Since there were no other suitable facilities for these operations, they were allowed to continue in these locations. Bendix stated that this building could be excessed upon completion of the Propellants Components Laboratory and a subsequent move of their operations to this new facility. Bendix moved out sometime in 1969 and the building was demolished shortly after Bendix vacated the site.

Building H5-0992 was initially constructed on the site sometime between 1951 and 1958 as Shiffler's Gas Station and Grocery Store. H5-0992 was identified in the 1964 Basic Information Guide as an "Acquired Building". It is described in the 1967 AD HOC report as approximately 800 ft^2 and concrete block construction.

According to floor plans contained in the 2003 OSST report, the dimensions of the building were 36.10 feet by 31.4 feet, for a total approximate square footage of 1,133 ft^2. The plans also showed two gas pumps located in the front or south side of the building and restroom facilities in the rear or northeast corner of the structure. Information on sanitary waste disposal could not be located, but it is reasonable to assume it discharged to a septic tank somewhere near the restroom facilities. Due to the lack of specific information as to the activities conducted in the building, this area was identified as a Location of Concern (LOC).

According to historical photos and personal interviews, the site has been used for parking at the entrance to the MINWR Hammock Trails nature area since 1983 and is currently active. The stabilized parking area was constructed in approximately 1983 in the former location of the building. Access to the site is by an entrance on the west side. Improvements were made sometime in 1989 to the parking area, to include a circular median with maintained vegetation.

2.2 Site Description and History: West Portion (continued)

Hammock Trails Informational Marquee H5-1663 was constructed in approximately 1989. Located north of the parking area at the Trails entrance, it consists of a small wooden structure with a shingled roof. The structure is attached to a concrete pad and is used to provide park and hiking trails information to MINWR visitors.

2.3 Site Description and History: A3SB-East

The eastern portion of the A3SB is a rectangular-shaped area comprised of approximately 201,650 ft² or about 4.6 acres. The dimensions of the site are approximately 545 ft long from north to south by 370 ft wide from east to west. The site consists of natural vegetated areas, a stabilized cleared area and a large borrow pit. The KSC Railroad extends adjacent to the northern boundary of the site. A site map is presented in Figure 3.

The eastern portion of the A3SB was developed prior to NASA acquisition in 1963 as a residence. According to the 1961 NASA Real Estate Planning Report and 1951, 1958 and 1962 historical photos, the south portion of this area was first developed as the Lynam Residence sometime between 1951 and 1958. The existing building was identified in the 1967 AD HOC Committee Report as Smith Tract 3307, although Land Acquisition Maps identify the Tract owner as Lynam. The building was assigned Real Property number H5-996.

According to the AD HOC Report and Real Property records, the Bendix Company was originally approved to use this and other buildings to support NASA operations as storage facilities. The records show however, that the buildings were instead being used for administrative offices, gas analysis and chemical laboratories. Since there were no other suitable facilities for these operations, they were allowed to continue in these locations. Bendix stated that this building could be excessed upon completion of the Propellants Components Laboratory and a subsequent move of their operations to this new facility. Bendix moved out sometime in 1969 and the building was demolished shortly after Bendix vacated the site.

Building H5-0996 was initially constructed on the site sometime between 1951 and 1958 as the former Lynam Residence. It was identified in the 1964 BIG as an “Acquired Building“. It is described in the 1967 AD HOC report as approximately 1500 ft^2 and concrete block construction. Information on sanitary waste disposal could not be located, but based on historical photographs of the building, it is reasonable to assume it discharged to a septic tank somewhere to the rear or north of the building. Due to the lack of specific information as to the activities conducted in the building, this area was identified as a LOC.

During review of historical photos from 1983 through 2012, an un-vegetated, stabilized area was noted in the northwest corner of this portion of the site, west of the borrow pit. Some activity was visible in historical photos, possibly related to equipment staging during nearby road and railroad work. This area of the site has been used for apiary activity intermittently from 1993 to the present. Due to the lack of specific information as to the activities conducted in this area, it was identified as a LOC.

2.3 Site Description and History: A3SB-East (Continued)

The borrow pit located in the northwest corner of this portion of the site, west of the un-vegetated area, is visible in aerial photographs from 1962 until 2012. The pit is approximately 145 ft from north to south by 64 ft from east to west or approximately 9,280 ft^2 or 0.21 acres. The pit was constructed prior to NASA acquisition and its purpose is unknown. Samples were collected from the borrow pit as part of the 2003 WRRY RCRA Facility Investigation (RFI).

Figure 1. Location of KSC and Area 3 Support Buildings (A3SB)

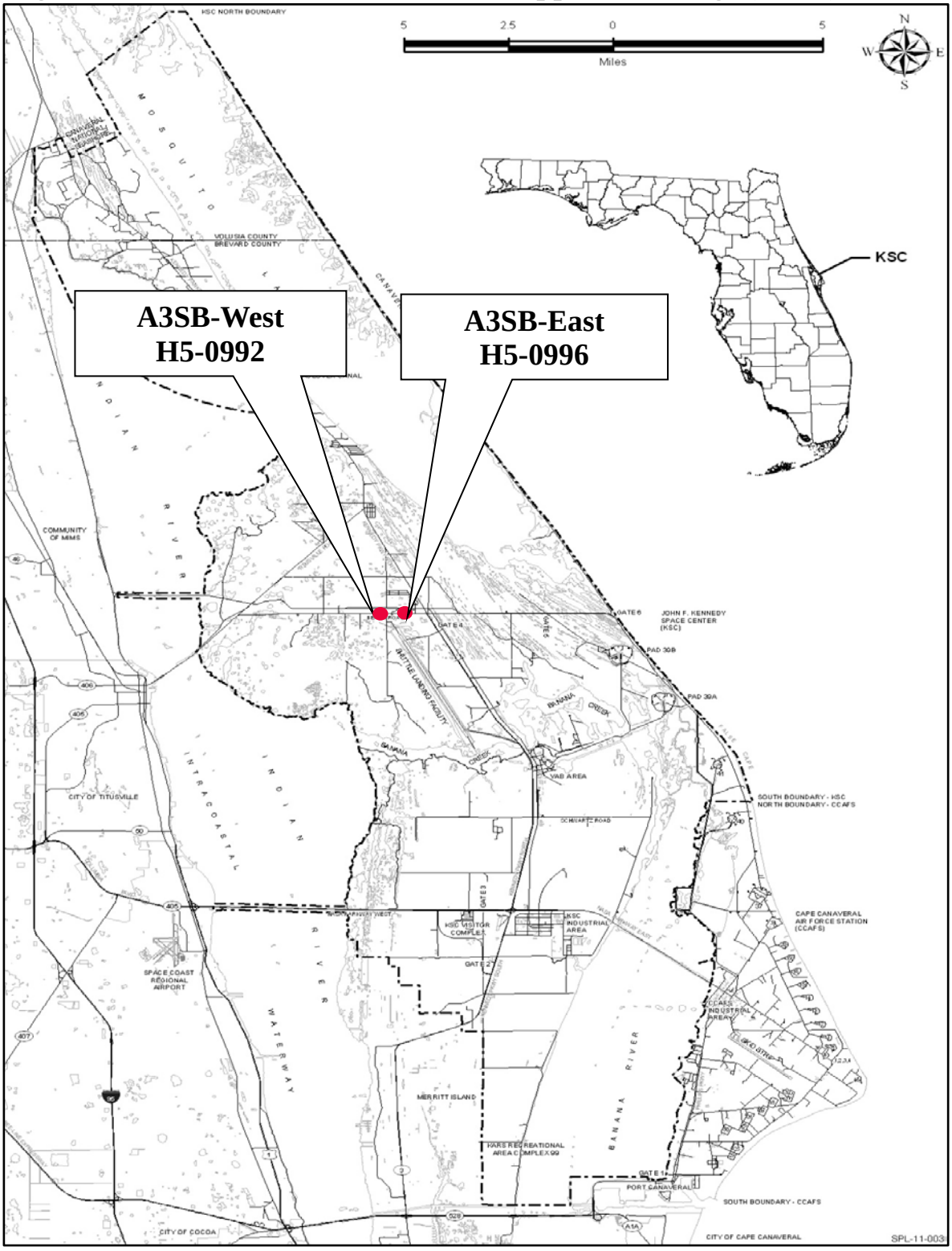


Figure 2. A3SB-West Site Map (2012 Photo)

Figure 3. A3SB-East Site Map (2012 Photo)

3.0 SUMMARY OF THE 2013 SWMU ASSESSMENT

To identify potential environmental impacts related to operations at the A3SB, a facility SA was conducted in 2013 by Michele Cielukowski and Sue Tzareff, LEP, of ESAM. The SA included site reconnaissance and interviews with personnel possessing knowledge of past and present work practices and operations at the site. Engineering documents, historical photographs, and Real Property records were reviewed. Previous investigations at the site were also reviewed. The objective of the assessment was to identify potential locations and contaminants of concern at the A3SB area and the need, if any, for further study.

The results of the SA suggested that former operations at the A3SB may have negatively impacted the environment in the area. Three locations of concern (LOCs) were identified at the A3SB and are displayed on Figure 4. The following provides a summary of the locations, potential contaminants, and applicable criteria.

3.1 LOC 1: Former Chemical Lab H5-0992

LOC 1 is the former Chemical Lab H5-0992 that was located in the western portion of A3SB near the northeast corner of the vegetated median at the Hammock Trails parking area in the MINWR. Potential releases of fuels, solvents and unknown materials may have occurred at this location. The area is a stabilized parking area with a maintained vegetated median and is not considered ecological habitat. Samples from this location were screened against Human Health only. The KSC G-II Groundwater Background Values are applicable at this location.

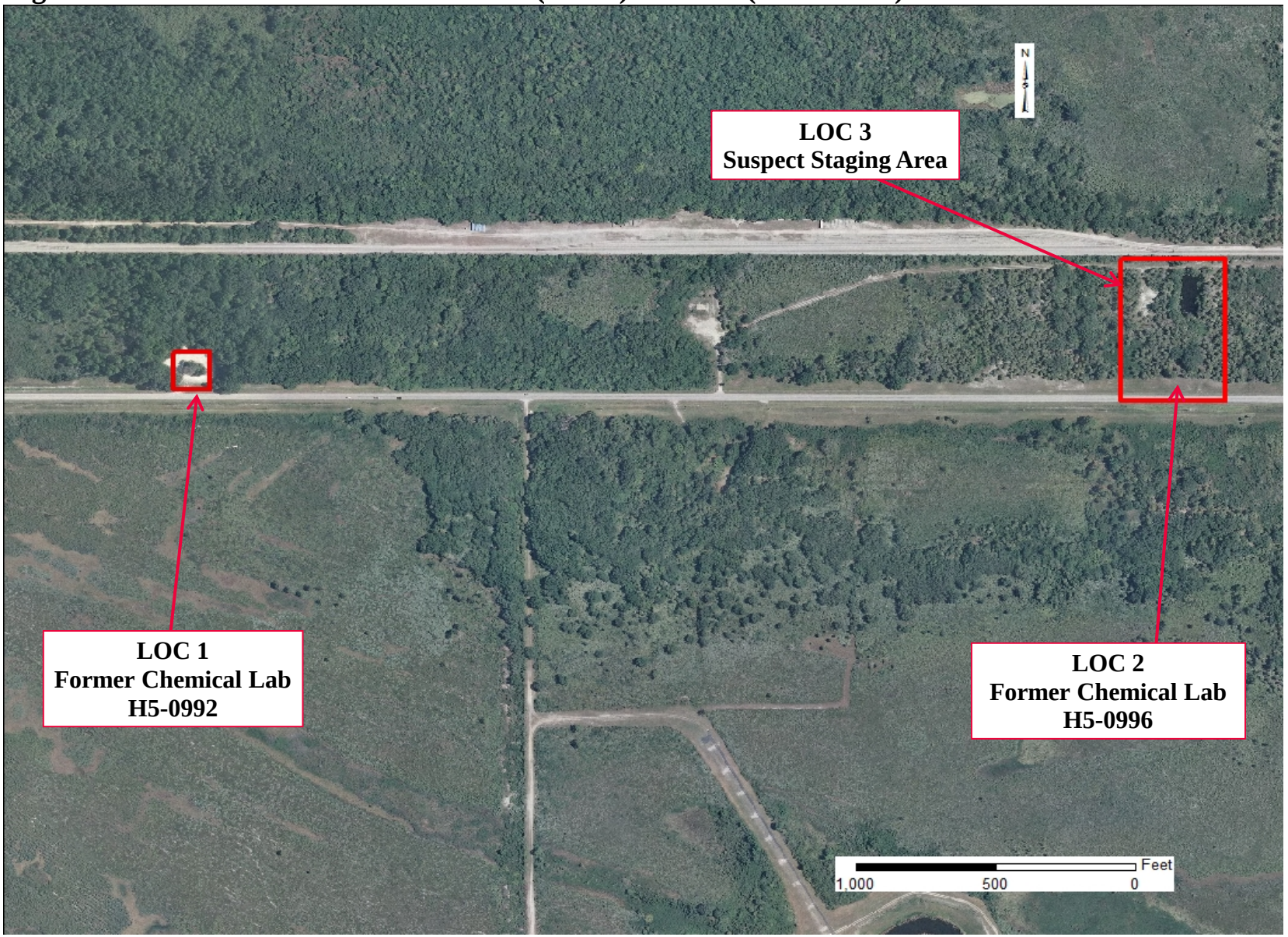
3.2 LOC 2: Former Chemical Lab H5-0996

LOC 2 is the former Chemical Lab H5-0996 that was located in the eastern portion of the A3SB, just north of Beach Road. Potential releases of fuels, solvents and unknown materials may have occurred at this location. The area is soil and vegetation covered and is considered ecological habitat. Samples from this location were screened against Human Health criteria initially, with consideration of Ecological criteria after review of sample results. The KSC G-II Groundwater Background Values are applicable at this location.

3.3 LOC 3: Suspect Staging Area

LOC 3 is a suspect staging area located in the northwest corner of the eastern portion of the A3SB. Potential releases of metals, hydrocarbons and unknown materials may have occurred at this location. The area is maintained and is not considered ecological habitat. Samples from this location should be screened against Human Health criteria only. The KSC Combined Soil and G-II Groundwater Background Values are applicable at this location.

Figure 4. Identified Locations of Concern (LOCs) at A3SB (2012 Photo)



4.0 SUMMARY OF CONFIRMATORY SAMPLING ACTIVITIES

The CS was conducted by Amanda Beatty and Edward Daniel Sciarini Jr, of ESAM, in March 2015. The site was investigated in accordance with the approved sampling plan, the site-specific health and safety plan (SSHASP), the FDEP Standard Operating Procedure (SOPs) for Field Activities (March 2014), and the Sampling and Analysis Plan for the RCRA Corrective Action Program at KSC (SAP) Revision 4 (June 2011).

CS was conducted at three locations by means of Direct Push Technology (DPT) groundwater sampling and at 1 location for soil sampling. The details and results of CS are summarized below. The CS locations and matrices are displayed on Figure 5, Figure 6 and Figure 7. All sampling and analyses are summarized in Table 1. Coordinates and elevations of all sampling locations were established by a registered professional land surveyor in accordance with the SAP and are included in Appendix 2 . Copies of field notes are also included in Appendix 2.

In support of the KSC Remediation Information System (RIS) and NASA requirements, all required KSC Electronic Data Deliverables (KEDDs) were successfully submitted via the Electronic Data Exchange (EDE) module of the RIS on May 22, 2015. The files were checked prior to uploading using the Data Checker via the EDE module. The Completion Ticket for this project indicating that the data were successfully checked and submitted via KSC RIS as 2015522_ 3521906410_kedd_IHA is included in Appendix 3 of this report.

4.1 Confirmatory Sampling Techniques

The KSC RIS nomenclature was used to assign unique names for identifying individual samples collected during this investigation. Each sample was assigned a descriptor for site location, sample matrix, sampling location, depth, and date. All of the descriptors used are presented and explained in Table 2.

An example of this identification system is A3SB-DPT0003-010.0-20150302. This sample name indicates that the sample is from the A3SB site, is a DPT groundwater sample collected from DPT sampling location 3, at a depth with the mid-point of the screen at 10.0 feet below land surface (bls) on March 02, 2015.

The DPT groundwater samples were collected using a Geoprobe® Model 5410 sampling system in conjunction with a decontaminated peristaltic pump with High Density Polyethylene (HDPE) tubing. A mill-slotted (0.02”) well point, two feet in length, was used to collect the DPT groundwater samples at discrete saturated intervals. Threaded one and a quarter-inch steel rods, three feet in length, were attached to the well point and hammer driven to the shallowest sampling depth. After sample collection at the shallowest depth, the tubing was removed and decontaminated. Additional threaded rods were attached to the existing rods below land surface for each successive groundwater sampling depth. The same tubing was decontaminated and used for collection of deeper samples at the same location. After the final sample was collected at a location, the sample location was grouted under pressure with a 20% bentonite/portland cement mixture and the rods and well point were removed and decontaminated. New tubing was used for each additional sampling location.

4.1 Confirmatory Sampling Techniques (continued)

DPT groundwater samples were collected at 10, 25, 35 and 45 ft bls. The screened intervals for the 10, 25, 35 and 45 ft bls groundwater samples were 9-11, 24-26, 34-36 and 44-46 ft bls, respectively. Prior to collection of each sample, the DPT rods and well point were purged using a peristaltic pump and tubing positioned in the center of the well point. Low flow techniques were utilized to minimize turbidity. Stabilization of field parameters were confirmed and documented prior to sample collection.

The single soil sampling location was screened with an Organic Vapor Analyzer (OVA) equipped with a Flame Ionization Detector (FID) to the water table. The OVA did not detect a positive reading above background values on any of the soil samples collected at the site; therefore, samples for Volatile Organic Compounds (VOCs) analyses were not collected. The surface soil sample from the ground surface to 6 inches bls was collected with a disposable high impact polystyrene scoop. Sample volumes for all analyses were homogenized prior to filling sample containers.

4.2 Confirmatory Sampling Analytes and Methods

All laboratory analyses were performed by TestAmerica Laboratories, Inc. (TATL) and copies of the laboratory analytical reports are included electronically in Appendix 4. All of the DPT groundwater samples were analyzed for VOCs by EPA Method 8260. The shallow DPT samples (10 ft bls) were also analyzed for Polynuclear Aromatic Hydrocarbons (PAHs) by EPA Method 8270 Low Level (8270LL) and TPH by the FL-PRO Method. The pH, turbidity, conductivity, temperature and dissolved oxygen of the groundwater samples were measured and recorded in the field.

4.3 Decontamination and Waste Handling

All rods, well points, and purging and sampling collection equipment were decontaminated in accordance with the FDEP SOPs and the SAP. Decontamination fluids and investigative-derived media, including grout slurry, were handled in accordance with KSC Procedures. Waste generated during this investigation was disposed of in accordance with KSC Waste Management directives.

Figure 5. CS Locations at A3SB LOC 1: Former Chemical Lab H5-0992 (2013 Photo)

Figure 6. CS Locations at A3SB LOC 2: Former Chemical Lab H5-0996 (2013 Photo)

Figure 7. CS Locations at A3SB LOC 3: Suspect Staging Area (2013 Photo)

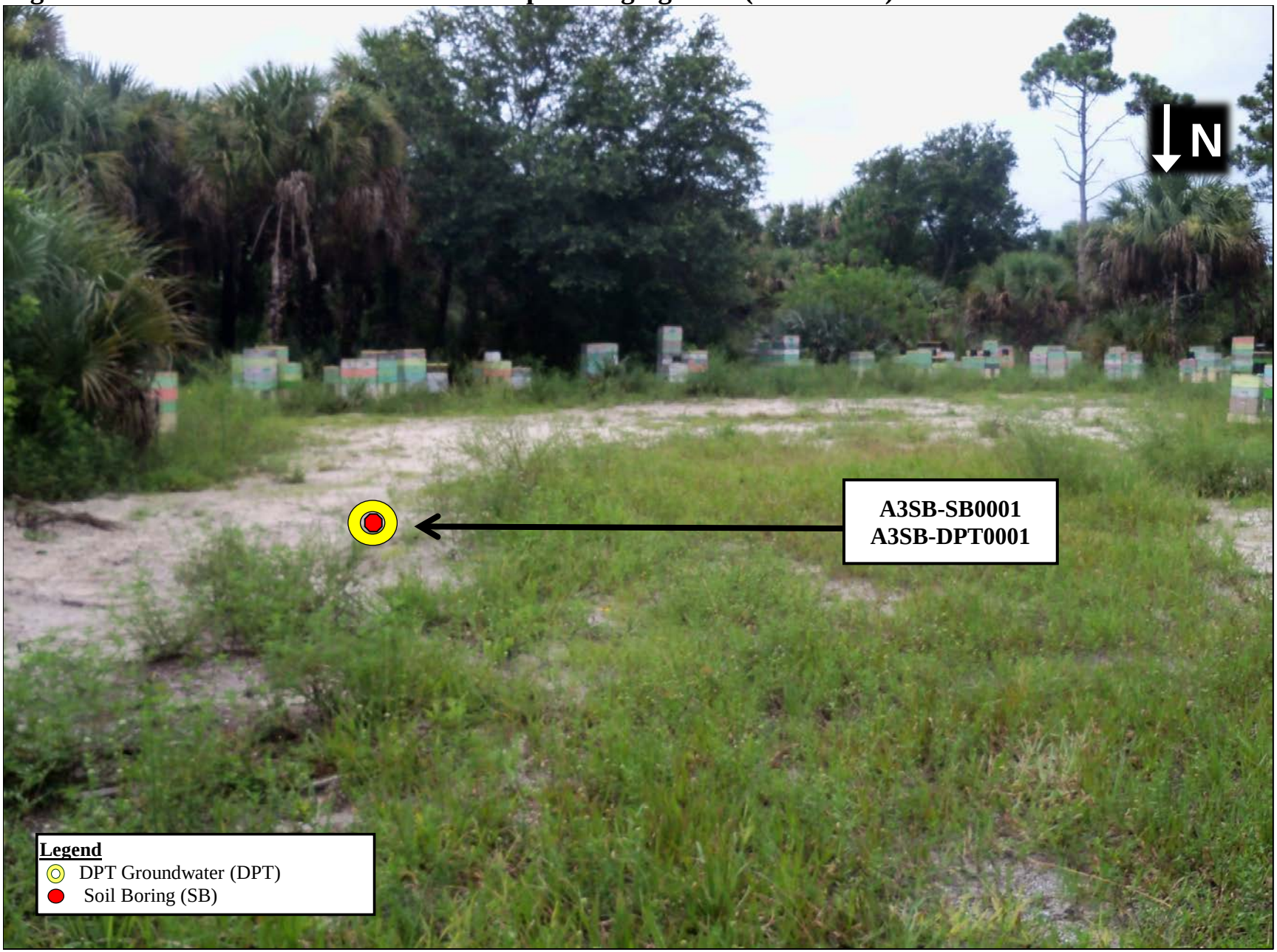


Table 1. A3SB Proposed Confirmatory Sampling Locations, Matrices, Analytes, Rationale & Criteria

Sample Location	Location ID	Sample ID	Matrix	Depth (ft bls)	Analyses	Rationale	Criteria
LOC 1 Former Chemical Lab H5-0992	A3SB-DPT0001	A3SB-DPT0001-25.0-20150302	DPT Groundwater	25	VOCS (8260)	Potential releases of Fuels and Solvents	Human Health G-II Groundwater Background Values
		A3SB-DPT0001-35.0-20150302		35			
		A3SB-DPT0001-45.0-20150302		45			
LOC 2 Former Chemical Lab H5-0996	A3SB-DPT0002	A3SB-DPT0002-10.0-20150303	DPT Groundwater	10	VOCs (8260), PAHs (8270LL), TPH (FLPRO)	Potential releases of Fuels, Solvents, and Hydrocarbons	Human Health* G-II Groundwater Background Values
		A3SB-DPT0002-25.0-20150303		25	VOCS (8260)		
		A3SB-DPT0002-35.0-20150303		35			
		A3SB-DPT0002-45.0-20150303		45			
LOC 3 Suspect Staging Area	A3SB-SB0001	A3SB-SB0001-000.5-20150303	Soil	0-0.5	Metals (6020/SPLP as needed), SVOCs (8270), TPH (FLPRO), pH (9045)	Potential releases of Hydrocarbons and unknown materials	Human Health Combined Soil and G-II Groundwater Background Values
	A3SB-DPT0003	A3SB-DPT0003-10.0-20150302	DPT Groundwater	10	VOCs (8260), PAHs (8270LL), TPH (FLPRO)		
		A3SB-DPT0003-25.0-20150302		25	VOCS (8260)		
		A3SB-DPT0003-35.0-20150302		35			
		A3SB-DPT0003-45.0-20150302		45			

Abbreviations

A3SB-Area 3 Support Building
DPT-Direct Push Technology
FLPRO-Florida Petroleum Residual Organic
LOC-Location of Concern
OVA-Organic Vapor Analyzer
PAHs-Polynuclear Aromatic Hydrocarbons
SB-Soil Boring
SPLP-Synthetic Precipitation Leaching Procedure
SVOCs-Semi-Volatile Organic Compounds
TPH-Total Petroleum Hydrocarbons
VOCs-Volatile Organic Compounds

Notes

All soil sampling locations, except those associated with energized electrical equipment, will be screened with an OVA to the water table if possible and deeper samples will be collected if warranted
Metals analysis will be performed for the 13 priority pollutant metals and barium.
SPLP will be analyzed only if total concentration of As, Cu, Pb or Zn exceeds Range of Background
SPLP will only be analyzed on the highest detection Range of Background exceedance
Field parameters, including pH, will be recorded prior to collecting groundwater samples
Depth of DPT Groundwater samples refers to mid-point of screen

Table 2. NPSM CS Sample Identification and Descriptors

Descriptors	Explanations
Site Name	
A3SB	Area 3 Support Buildings
Sample Matrix	
DPT	DPT Groundwater sample
SB	Soil Sample
Sampling Location	
0001	Matrix Sampling Location Number 1
Sample Depth	
000.5	Bottom of sample interval is 0.5 feet below land surface
010.0	Mid-point of groundwater sample interval is 10 feet below land surface
Sampling Date	
20150302	YYYYMMDD

5.0 CONFIRMATORY SAMPLING RESULTS

There were no CS locations with exceedances of screening criteria, Background or Reference Values for the A3SB. All analyses are summarized and compared to screening criteria in Tables 3, 4, 5 and 6. DPT groundwater results were compared to the FDEP Groundwater Cleanup Target Levels (GCTLs) (4/05) and the KSC G-II Groundwater Background Values (7/99). Soil results were compared to the FDEP Residential, Industrial, and Leachability Soil Cleanup Target Levels (CTLs) (SCTLs) (05/11). In accordance with FDEP requirements, concentrations of carcinogenic PAHs (C-PAHs) in soil were converted to benzo(a)pyrene equivalents (B(a)P Eq.) prior to screening for Direct Exposure.

All results for the CS soil samples compared to Human Health criteria are included in Table 3 (Metals), Table 4 (TPH and SVOCs) and Table 5 (C-PAHs). All results for soil are reported as total concentrations in milligrams per kilogram (mg/kg) dry weight. All results for the CS Phase I groundwater samples compared to Human Health criteria are included in Table 6 and are expressed in µg/L.

Table 3. A3SB Phase I CS Soil Metals Results Compared to Human Health Criteria

Sample ID/ Screening Criteria	Priority Pollutant Metals & Barium (6020/7471)													
	Sb	As	Ba	Be	Cd	Cr	Cu	Pb	Hg	Ni	Se	Ag	Tl	Zn
A3SB-SB0001-000.5-20150303	<0.51	0.58	9.4	0.072	0.021 I	2.6	0.31 I	1.3	<0.014	0.69	<0.25	<0.051	0.028 I	1.9 I
SCTL	27	2.1	120**	120	82	210	150**	400	3	340**	440	410	6.1	26,000
FL LEACH	5.4	8.5*	1,600	63	7.5	38	130*	150*	2.1	130	5.2	17	2.8	140*
BKGRD CS	(-)	1.51	26.14	(-)	1.24	9.09	27.88	11.64	0.19	(-)	2.5	2.54	1.37	30.28

Screening Criteria

SCTL - FDEP Ch. 62-777, FAC, Soil Cleanup Target Level (SCTL), Residential

FL LEACH - FDEP Ch. 62-777, FAC, Leachability based on Groundwater Cleanup Target Level (GCTL)

BKGRD - KSC Background Study Values, Combined Soil (CS) (7/99)

* indicates highest Range of Background value

**based on acute toxicity

Abbreviations

SVOCs- Semi-Volatile Organic Compounds

TPH- Total Petroleum Hydrocarbons

Notes

Results > Screening Criteria in addition to the BKGRD/Reference Value are displayed in enlarged bold italics.

(L) indicates result is > Leachability Criteria

(R) indicates result is > Residential SCTL

- indicates that no criteria is available.

< indicates that the analyte was not detected above the reported method detection limit.

I - indicates a result ≥ the method detection limit but < the reporting limit.

V - indicates that the analyte was detected at or above the method detection limit in both the sample and the associated method blank and the value of 10 times value was equal to or greater than the associated sample value.

Values are expressed in mg/Kg dry weight, except pH and % Solids.

Table 4. A3SB Phase I CS Soil TPH & SVOCs Results Compared to Human Health Criteria

Sample ID/ Screening Criteria	TPH	SVOCs (8270)		pH (9045)	% Solids (160.3)
	(FL PRO)	Benzoic acid	bis(2-Ethylhexyl) phthalate		
A3SB-SB0001-000.5-20150303	80	0.22 I	0.083 I V	8.60	86
SCTL	460	180,000	72	(-)	(-)
FL LEACH	340	110	3,600	(-)	(-)
BKGRD/Reference	(-)	(-)	(-)	(-)	(-)

Screening Criteria

SCTL - FDEP Ch. 62-777, FAC, Soil Cleanup Target Level (SCTL), Residential

FL LEACH - FDEP Ch. 62-777, FAC, Leachability based on Groundwater Cleanup Target Level (GCTL)

BKGRD - KSC Background Study Values, Combined Soil (CS) (7/99)

* indicates highest Range of Background value

**based on acute toxicity

Abbreviations

SVOCs- Semi-Volatile Organic Compounds

TPH- Total Petroleum Hydrocarbons

Notes

Results > Screening Criteria in addition to the BKGRD/Reference Value are displayed in enlarged bold italics.

(L) indicates result is > Leachability Criteria

(R) indicates result is > Residential SCTL

- indicates that no criteria is available.

< indicates that the analyte was not detected above the reported method detection limit.

I - indicates a result ≥ the method detection limit but < the reporting limit.

V - indicates that the analyte was detected at or above the method detection limit in both the sample and the associated method blank and the value of 10 times value was equal to or greater than the associated sample value.

Values are expressed in mg/Kg dry weight, except pH and % Solids.

Table 5. A3SB Phase I CS Soil Carcinogenic PAHs Results Compared to Human Health Criteria

Sample ID	Parameter	BaP TEF	Result	Qualifier	BaP Eq.	R-SCTL	I-SCTL	Leach.	Exceed.	> BKGRD/Ref. Val.
A3SB-SB0001-000.5-20150303	Benzo(a)pyrene	1	0.004	U	0.0040			8	No	No
	Benzo(a)anthracene	0.1	0.010	U	0.0010			0.8	No	No
	Benzo(b)fluoranthene	0.1	0.010	U	0.0010			2.4	No	No
	Benzo(k)fluoranthene	0.01	0.006	U	0.0001			24	No	No
	Chrysene	0.001	0.010	U	0.0000			77	No	No
	Dibenz(a,h)anthracene	1	0.010	U	0.0100			0.7	No	No
	Indeno(1,2,3-cd)pyrene	0.1	0.010	U	0.0010			6.6	No	No
	Total B(a)P Eq. Conc.				0.0	0.1	0.7		No	No

Screening Criteria

SCTL - FDEP Ch. 62-777, FAC, Soil Cleanup Target Level (SCTL),
R-SCTL = Residential, I-SCTL = Industrial (4/05)

LEACH - FDEP Ch. 62-777, FAC, Leachability based on
Groundwater Cleanup Target Level (GCTL) (4/05)

BKGRD - KSC Background Study Values, Combined Soil (CS) (7/99)

Abbreviations

B(a)P - Benzo(a)pyrene

B(a)P Eq. - Benzo(a)pyrene Equivalents Concentration

PAHs-Polynuclear Aromatic Hydrocarbons

TEF - Toxic Equivalency Factor

Notes

Results > Screening Criteria in addition to the BKGRD/Reference Value
are displayed in enlarged bold italics.

(I) - Exceeds Industrial SCTL

(R) - Exceeds Residential SCTL

I - indicates a result ≥ the method detection limit but < the reporting limit.

U - indicates not dectected ≥ the method detection limit.

Results for ND are reported as one-half the method detection limit.

Values are expressed in mg/Kg dry weight

Table 6. A3SB Phase I CS DPT GW VOC, PAH & TPH Results Compared to Criteria

Sample ID/ Screening Criteria	VOCs (8260)	PAHs (8270LL)	TPH (FL PRO)	Field pH (S.U.)	Turbidity (NTUs)
A3SB-DPT0001-25.0-20150302	ND	ND	na	7.19	917
A3SB-DPT0001-35.0-20150302	ND	ND	na	7.23	227
A3SB-DPT0001-45.0-20150302	ND	ND	na	7.24	769
A3SB-DPT0002-10.0-20150303	ND	ND	<75	6.73	234
A3SB-DPT0002-25.0-20150303	ND	ND	na	7.08	Over Range
A3SB-DPT0002-35.0-20150303	ND	ND	na	7.14	Over Range
A3SB-DPT0002-45.0-20150303	ND	ND	na	7.18	976
A3SB-DPT0003-10.0-20150302	ND	ND	<80	7.29	371
A3SB-DPT0003-25.0-20150302	ND	ND	na	7.15	741
A3SB-DPT0003-35.0-20150302	ND	ND	na	7.10	716
A3SB-DPT0003-45.0-20150302	ND	ND	na	7.12	848
GCTL	(-)	(-)	5,000	6.5-8.5	(-)
BKGRD	(-)	(-)	(-)	(-)	(-)

Screening Criteria

GCTL - Ch. 62-777, FAC, FDEP Groundwater Cleanup Target Levels (GCTL), 4/05

BKGRD - KSC Background Values, GII, 7/99

Abbreviations

NTUs- Nephelometric Turbidity Units

PAHs-Polynuclear Aromatic Hydrocarbons

S.U.- Standard Units

TPH- Total Petroleum Hydrocarbons

VOCs-Volatile Organic Compounds

Notes

Exceedances of GCTLs are displayed in enlarged bold italics.

ND - None Detected

< indicates that the analyte was not detected above the reported method detection limit.

na - not analyzed

- indicates that no criteria is available.

All values are reported in µg/L, except pH and turbidity.

6.0 SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

This assessment of the A3SB combines all of the information previously described, as well as knowledge of similar site conditions. The results of the SA and CS have provided sufficient data to draw conclusions and provide recommendations for future actions. Recommendations are based upon current and historical information.

6.1 Summary and Conclusions

The CS was conducted in March 2015 at three locations by means of DPT groundwater sampling and at one location for soil sampling. The samples were collected and analyzed in accordance with the approved CS Work Plan. No exceedances of criteria were detected in either groundwater or soil samples.

The results of this investigation indicate that past and/or present operations have not negatively impacted environmental media at the A3SB.

6.2 Recommendations

Based on the results of the confirmatory sampling completed at the A3SB, NFA is recommended for site groundwater and site soil and was approved by the KSCRT at the June 2015 meeting.

REFERENCES

1. Florida Department of Environmental Protection, July 2012. HSWA Portion of the NASA RCRA Permit 0026028-HO-007, I. D. No. FL6 800 014 585

2. IHA, Inc., September 2013. Area 3 Support Buildings (A3SB) H5-0992, H5-0996 PRL 218 SWMU Assessment Report (Revision 0), Kennedy Space Center, Florida

3. IHA, Inc., September 2013. Area 3 Support Buildings (A3SB) H5-0992, H5-0996 PRL 218 Confirmatory Sampling Work Plan (Revision 0), Kennedy Space Center, Florida

4. NASA, Inc. May 2011. Screening Process and Screening Tables Appendix E Decision Process Document (Revision 4), Kennedy Space Center, FL, KSC-TA-6168

5. Department of Environmental Protection Standard Operating Procedures for Field Activities, DEP-SOP-001/01, March 1, 2014

6. NASA, February 2006. Sampling and Analysis Plan (SAP) for the RCRA Corrective Action Program at the Kennedy Space Center, Revision 3 (February 2006) and Revision 4 (June 2011), KSC-TA-9161

7. IHA, Inc., March 2015. RCRA Environmental Investigation of Area 3 Support Buildings (A3SB) H5-0992, H5-0996 PRL 218, Site Specific Safety and Health Plan (SSHASP)

8. NASA, March 2003. Health and Safety Reference Manual for the RCRA Corrective Action Program at the John F. Kennedy Space Center, Florida, KSC-TA-6167

9. NASA, KSC Remediation Team Meeting Minutes

10. FDEP, 4/17/05. Ch. 62-777 FAC Groundwater Cleanup Target Levels

11. FDEP, 4/17/05, Ch. 62-777 FAC Soil Cleanup Target Levels

Appendix 1

A3SB CSR
KSC Remediation Team
Minutes and Decisions Excerpts

1301-M14 Sue Tzareff/IHA
Team ECO Site visits
Goal: Obtain team consensus at each site on ecological concerns based on the aerial photos presented or based on site visit
Discussion: A3SB (PRL 218)
Team consensus reached that Area 3 Support Building (A3SB, PRL 218) is ecological habitat.
Results: Decision items 1308-D41

1301-D41	1301-M14	Area 3 Support Building (PRL 218) - Team consensus reached that Area 3 Support Building (A3SB, PRL 218) is ecological habitat.

1308-M09 Sue Tzareff/IHA
Area 3 Support Buildings (PRL 218)
Goal: Present SAR findings and obtain team consensus on proposed confirmatory sampling.
Discussion: SWMU assessment was conducted May through July 2013. Site consists of two locations approximately 0.6 miles apart: West/H5-0992 Bendix Gas Leak Detection facility and East/H5-0096 Bendix Administration.

Team consensus reached for the West/H5-0992 area that the mowed and maintained areas of the site are not considered eco habitat.

Team consensus reached for the East/H5-0996 area that the mowed and maintained areas of the site are not considered eco habitat.

Team consensus reached at LOC 1 Former Chemical Lab Septic Tank (H5-0992) to collect DPT groundwater samples from one location at depths of 25, 35, and 45 ft BLS and analyze for VOCs only. No shallow DPT groundwater sample to be collected at this location since the area already received NFA for shallow groundwater and soil under the Petroleum Program as PRL 81O Shiffler's Standard Oil Station in 2003. LOC 1 will be screened as follows: Human health criteria and KSC G-II groundwater background values are applicable.

Appendix 1
(continued)

Team consensus reached at LOC 2 Former Chemical Lab Septic Tank (H5-0996) to collect DPT groundwater samples from one location at depths of 10 ft BLS for VOCs, TPH, and PAHs analyses and 25, 35, and 45 ft BLS for VOC analysis. LOC 2 will be screened as follows: Human health criteria only initially, ecological screening may be considered based upon sampling results, and KSC G-II groundwater background values are applicable.

Team consensus reached at LOC 3 Suspect Staging Area to collect one surface soil sample for metals, SVOCs, TPH and pH analyses and one DPT location at depths of 10 ft BLS for VOCs, TPH, and PAHs analyses and 25, 35, and 45 ft BLS for VOC analysis. LOC 3 will be screened as follows: soil human health criteria and KSC combined soil background values and groundwater human health and KSC G-II groundwater background values.

Results: Decision items 1308-D20 to D24

1308-D20	1308-M09	Area 3 Support Buildings (PRL 218) - Team consensus reached for the West/H5-0992 area that the mowed and maintained areas of the site are not considered eco habitat.
1308-D21	1308-M09	Area 3 Support Buildings (PRL 218) - Team consensus reached for the East/H5-0996 area that the mowed and maintained areas of the site are not considered eco habitat.
1308-D22	1308-M09	Area 3 Support Buildings (PRL 218) - Team consensus reached at LOC 1 Former Chemical Lab Septic Tank (H5-0992) to collect DPT groundwater samples from one location at depths of 25, 35, and 45 ft BLS and analyze for VOCs only. No shallow DPT groundwater sample to be collected at this location since the area already received NFA for shallow groundwater and soil under the Petroleum Program as PRL 81O Shiffler's Standard Oil Station in 2003. LOC 1 will be screened as follows: Human health criteria and KSC G-II groundwater background values are applicable.

Appendix 1
(continued)

1308-D23	1308-M09	Area 3 Support Buildings (PRL 218) - Team consensus reached at LOC 2 Former Chemical Lab Septic Tank (H5-0996) to collect DPT groundwater samples from one location at depths of 10 ft BLS for VOCs, TPH, and PAHs analyses and 25, 35, and 45 ft BLS for VOC analysis. LOC 2 will be screened as follows: Human health criteria only initially, ecological screening may be considered based upon sampling results, and KSC G-II groundwater background values are applicable.
1308-D24	1308-M09	Area 3 Support Buildings (PRL 218) - Team consensus reached at LOC 3 Suspect Staging Area to collect one surface soil sample for metals, SVOCs, TPH and pH analyses and one DPT location at depths of 10 ft BLS for VOCs, TPH, and PAHs analyses and 25, 35, and 45 ft BLS for VOC analysis. LOC 3 will be screened as follows: soil human health criteria and KSC combined soil background values and groundwater human health and KSC G-II groundwater background values.

1506-M03 Tim Mrdjenovich/IHA

Area 3 Support Buildings (PRL 218)

Goal: Obtain team consensus for no further action for LOCs 1 to 3

Discussion: SWMU assessment conducted May through July 2013. Confirmatory sampling recommended and approved by the Team in August 2013.

LOC 1: Former Chemical Lab (H5-0992) - collected groundwater samples at one DPT location and sampled at 25, 35, and 45 ft BLS for VOCs. There were no detected parameters.

Team consensus reached for no further action for groundwater at LOC 1 [Former Chemical Lab (H5-0992)].

LOC 2: Former Chemical Lab (H5-0996) - collected groundwater samples at one DPT location and sampled at 10 ft for VOCs, TPH, and PAHs and at 25, 35, and 45 ft BLS for VOCs. There were no detected parameters.

Appendix 1
(continued)

Team consensus reached for no further action for groundwater at LOC 2 [Former Chemical Lab (H5-0996)].

LOC 3: Suspect Staging Area - collected one surface soil sample for metal, SVOC, TPH and pH analyses and one DPT location sampled at 10 ft for VOCs, TPH, and PAHs and at 25, 35, 45 ft BLS for VOCs. Detected parameters in soil were below their respective SCTLs. There were no detected parameters in groundwater samples.

Team consensus reached for no further action for soil and groundwater at LOC 3 (Suspect Staging Area).

Team consensus reached for no further action for Area 3 Support Buildings (PRL 218).

Results: Decision items 1506-D09 to D12

1506-D09	1506-M03	Area 3 Support Buildings (PRL 218) - Team consensus reached for no further action for groundwater at LOC 1 [Former Chemical Lab (H5-0992)].
1506-D10	1506-M03	Area 3 Support Buildings (PRL 218) - Team consensus reached for no further action for groundwater at LOC 2 [Former Chemical Lab (H5-0996)].
1506-D11	1506-M03	Area 3 Support Buildings (PRL 218) - Team consensus reached for no further action for soil and groundwater at LOC 3 (Suspect Staging Area).
1506-D12	1506-M03	Area 3 Support Buildings (PRL 218) - Team consensus reached for no further action for Area 3 Support Buildings (PRL 218).

Appendix 2

A3SB
Confirmatory Sampling Locations
GPS Coordinates & Field Notes

Area 3 Supoort Buildings (A3SB) PRL 218 CS Locations GPS Coordinates

ID	Northing (ft)	Easting (ft)	Ground Elevation (ft)	Northing (m)	Easting (m)	Latitude	Longitude
DPT0001	1566944	747131	4	5140882.2	2451212.1	28ø38'38.29358"N	80ø42'59.05083"W
DPT0003 / SB0001	1567217.2	750517.2	3.8	5141778.5	2462321.8	28ø38'40.91746"N	80ø42'21.03793"W
DPT0002	1566959.9	750589.6	4.7	5140934.4	2462559.4	28ø38'38.36833"N	80ø42'20.23203"W

Surveyors Notes:

1.) Coordinate values are express in feet (ft) and meters(m)and refer to the North American Datum of 1983 (NAD83) Florida East Zone.

2.) Latitude and Longitude refer to the World Geodetic System of 1984 (WGS84).

3.) Elevations values are express in feet and refer to the North American Vertical Datum of 1988 (NAVD88).

4.) Horizontal coordinates were determined by survey method G2 (GPS carrier phase kinematics relative – positioning technique).

5.) Elevation values were determined by survey method G2 (GPS carrier phase kinematics relative – positioning technique).

6.) Field survey date: April 16/17, 2015

7.) Elevations shown herein refer to ground elevation at soil boring.

COC # 5087

RCRA GROUNDWATER SAMPLING FORM

Location: LOC 1 and 3

EH Specialist(s):	AMB, EDS
Sample Date(s):	3/2/15
Weather Conditions:	~70°F, Partly Sunny, Light wind

FIELD EQUIPMENT

EQUIPMENT	EQUIPMENT TAG #	CALIBRATED
Hach 2100P Turbidity Meter	101602	See Calibration logbook
YSI-556 pH Meter	101099	See Calibration logbook
TVA Meter	—	See Calibration logbook
Masterflex Pump	101569	N/A
PID Meter	101089	See Calibration logbook
Grout Pump	101569	N/A

FIELD SAMPLING

SAMPLE ID:	PURGE START TIME	SAMPLE TIME	ANALYSIS	pH (S.U.)	TURBIDITY (NTU)	DISSOLVED OXYGEN (mg/L)	SPECIFIC CONDUCTIVITY (µS/cm)	TEMPERATURE (°C)
A35B-DPT0001								
025.0-20150302	0900	0915	VOCs	7.19	917	0.73	756	22.75
035.0-20150302	0928	0942	↓	7.23	227	0.51	1277	22.85
045.0-20150302	0951	1006	↓	7.24	769	0.26	1829	22.95
A35B-DPT0003								
010.0-20150302	1103	1117	TPH PAHs VOCs	7.29	371	0.13	665	21.44
029.0-20150302	1130	1148	VOCs	7.15	741	0.15	1145	22.86
035.0-20150302	1156	1206	↓	7.10	716	0.07	2451	22.86
045.0-20150302	1215	1230	↓	7.12	848	0.08	3337	22.75

Notes: DPT0003-010.0 pH = 1.5, no additional preservative used
All depths purge water/rinsate located in drum #185231

Project Name A35B CS	Date: 3/2/15 Page: 1 of 1	**MESC** Environmental Sampling, Analysis & Monitoring
Task No: T201410-4907	EH Specialist: AMB	
	Signature:	

Spill Pallet # 185230

COC# 5095

RCRA GROUNDWATER SAMPLING FORM

Location: LOC 2

EH Specialist(s):	AMB, EDS
Sample Date(s):	3/3/15
Weather Conditions:	~75°F, Cloudy, Light wind

FIELD EQUIPMENT

EQUIPMENT	EQUIPMENT TAG #	CALIBRATED
Hach 2100P Turbidity Meter	101602	See Calibration logbook
YSI-556 pH Meter	101099	See Calibration logbook
TVA Meter		See Calibration logbook
Masterflex Pump	101569	N/A
PID Meter	101089	See Calibration logbook
Grout Pump	101569	N/A

FIELD SAMPLING

SAMPLE ID: A35B-DPT0002	PURGE START TIME	SAMPLE TIME	ANALYSIS	pH (S.U.)	TURBIDITY (NTU)	DISSOLVED OXYGEN (mg/L)	SPECIFIC CONDUCTIVITY (µS/cm)	TEMPERATURE (°C)
010.0-20150303	0832	0845	TPH PAH VOC	6.73	234	0.59	980	20.04
FPC FD02-20150303	0832	0900	"	"	"	"	"	"
MK EB01-20150303	—	0920	↓	—	—	—	—	—
025.0-20150303	0942	0952	VOC	7.08	overrange	0.14	1474	22.19
035.0-20150303	1001	1016	↓	7.14	overrange	0.13	2772	22.53
045.0-20150303	1025	1040	↓	7.18	976	0.16	5208	22.50

Notes: DPT0002-010.0 pH=1.5, no additional preservative used

All depths purge water/rinsate located in drum #185231

Project Name A35B CS	**Date:** 3/3/15	**Page:** 1 of 1	**MESC** Environmental Sampling, Analysis & Monitoring
	EH Specialist: AMB		
Task No: T201410-4907	**Signature:**		

Spill Pallet # 185230

COC# 5095

RCRA PROGRAM
SOIL SAMPLING FORM

Location: LOC 3

EH Specialist(s):	AMB, EDS
Sample Date(s):	3/3/15
Weather Conditions:	~75°F, Cloudy, Light Wind

EQUIPMENT

EQUIPMENT	EQUIPMENT TAG #	CALIBRATED
TVA Meter	—	*See Calibration logbook*

FIELD SAMPLING

SAMPLE ID	SAMPLE TIME	SAMPLE DEPTH (ft BLS)	ANALYSIS	TVA READINGS (ppm) BACKGROUND READING (unfiltered)	DEPTH ____ BLS (Unfiltered/Filtered)	DEPTH ____ BLS (Unfiltered/Filtered)	DEPTH ____ BLS (Unfiltered/Filtered)	DEPTH ____ BLS (Unfiltered/Filtered)	DEPTH ____ BLS (Unfiltered/Filtered)
35B SB0001-00.5-20150303	1230	0.5	See COC						

NOTES: TVA malfunctioned - screening will be performed on following day.
Also collected soil dupe FD01

Project Name: A35B CS	Date: 3/3/15 Page: 1 of 1	**MESC** Environmental Sampling, Analysis & Monitoring
Task No: T2014104907	EH Specialist: AMB	
	Signature: AMB	

Appendix 3

A3SB
Confirmatory Sampling
KEDDS Completion Ticket

Data Checker

Completion Ticket

On 5/22/2015 at 11:25 AM the following files were submitted to TtNUS

COMPLETION_IHA_A3SB_20150522.txt

LITHOLOGY_IHA_A3SB_20150522.txt

LOCATION_IHA_A3SB_20150522.txt

PROJECT_IHA_A3SB_20150522.txt

RESULT_IHA_A3SB_20150522.txt

SAMPLE_IHA_A3SB_20150522.txt

WATER_IHA_A3SB_20150522.txt

The following comment was provided with this submission:
RPM: Harry Plaza

If you need to identify this session at a later date you may use the Ticket Key:

Repository2015522_3521906410_kedd_IHA

You may print this page by clicking on the "Print This Page" button

Thank you for using the Data Checker, to upload more files click the "Upload Files" link in the menu.

Print this Page

Appendix 4

A3SB
Confirmatory Sampling
Laboratory Analytical Reports

(Included in Electronic Version Only)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-65692-1
TestAmerica Sample Delivery Group: T201410-4907-5087
Client Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

For:
InoMedic Health Applications Inc
IHA-022 Bldg L7-1557
Kennedy Space Center, Florida 32899

Attn: Mr. Dennis Raichart

Authorized for release by:
3/19/2015 4:04:22 PM

Jess Hornsby, Project Manager I
(813)885-7427
jess.hornsby@testamericainc.com

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Sample Summary

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-65692-1	A3SB-DPT0001-25.0-20150302	Water	03/02/15 09:15	03/04/15 09:20
660-65692-2	A3SB-DPT0001-35.0-20150302	Water	03/02/15 09:42	03/04/15 09:20
660-65692-3	A3SB-DPT0001-45.0-20150302	Water	03/02/15 10:06	03/04/15 09:20
660-65692-4	A3SB-DPT0003-10.0-20150302	Water	03/02/15 11:17	03/04/15 09:20
660-65692-5	A3SB-DPT0003-25.0-20150302	Water	03/02/15 11:48	03/04/15 09:20
660-65692-6	A3SB-DPT0003-35.0-20150302	Water	03/02/15 12:06	03/04/15 09:20
660-65692-7	A3SB-DPT0003-45.0-20150302	Water	03/02/15 12:30	03/04/15 09:20
660-65692-8	TA3SB-TB01-20150302	Water	03/02/15 00:00	03/04/15 09:20

Detection Summary

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: A3SB-DPT0001-25.0-20150302 **Lab Sample ID: 660-65692-1**

No Detections.

Client Sample ID: A3SB-DPT0001-35.0-20150302 **Lab Sample ID: 660-65692-2**

No Detections.

Client Sample ID: A3SB-DPT0001-45.0-20150302 **Lab Sample ID: 660-65692-3**

No Detections.

Client Sample ID: A3SB-DPT0003-10.0-20150302 **Lab Sample ID: 660-65692-4**

No Detections.

Client Sample ID: A3SB-DPT0003-25.0-20150302 **Lab Sample ID: 660-65692-5**

No Detections.

Client Sample ID: A3SB-DPT0003-35.0-20150302 **Lab Sample ID: 660-65692-6**

No Detections.

Client Sample ID: A3SB-DPT0003-45.0-20150302 **Lab Sample ID: 660-65692-7**

No Detections.

Client Sample ID: TA3SB-TB01-20150302 **Lab Sample ID: 660-65692-8**

No Detections.

This Detection Summary does not include radiochemical test results.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

GC/MS Semi VOA

Qualifier	Qualifier Description
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
L	Off-scale high. Actual value is known to be greater than the value given.
U	Indicates that the compound was analyzed for but not detected.
Q	Sample held beyond the accepted holding time.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 660-65692-1

Laboratory: TestAmerica Tampa

Narrative

Receipt
The samples were received on 3/4/2015 9:20 AM; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 3.9ºC.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D LL: Several analytes recovered outside control limits for the LCS/LCSD associated with batch 640-115337. These analytes were indicative of a systematic problem; therefore, re-extraction was performed.

Method 8270D LL: The laboratory control sample (LCS) / laboratory control standard duplicate (LCSD) precision for preparation batch 640-115337 recovered outside control limits for one analyte.

Method 8270D LL: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 640-115337 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected.

Method 8270D LL: Several analytes recovered outside control limits for the LCSD associated with batch 640-115416. These analytes were outside the Marginal Exceedance Limits and indicative of a systematic problem; therefore, re-extraction was performed where sample volume permitted.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method FL-PRO: A catastrophic failure occurred during prep and the laboratory control sample dupicate (LCSD) was lost. Only the laboratory control sample (LCS) associated with batch 115310 will be reported. (640-50634-2), (640-50634-2 MS), (640-50634-2 MSD), (LCS 640-115310/2-A), (MB 640-115310/1-A), A3SB-DPT0003-10.0-20150302 (660-65692-4)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: A3SB-DPT0001-25.0-20150302
Date Collected: 03/02/15 09:15
Date Received: 03/04/15 09:20

Lab Sample ID: 660-65692-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/11/15 15:25	1
Benzene	0.50	U	1.0	0.50	ug/L			03/11/15 15:25	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/11/15 15:25	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/11/15 15:25	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/11/15 15:25	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/11/15 15:25	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/11/15 15:25	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/11/15 15:25	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/11/15 15:25	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/11/15 15:25	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/11/15 15:25	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/11/15 15:25	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/11/15 15:25	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/11/15 15:25	1
Cyclohexane	0.83	U	5.0	0.83	ug/L			03/11/15 15:25	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/11/15 15:25	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/11/15 15:25	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/11/15 15:25	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/11/15 15:25	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/11/15 15:25	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/11/15 15:25	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/11/15 15:25	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/11/15 15:25	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/11/15 15:25	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/11/15 15:25	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/11/15 15:25	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/11/15 15:25	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/11/15 15:25	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/11/15 15:25	1
Methyl acetate	2.3	U	5.0	2.3	ug/L			03/11/15 15:25	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/11/15 15:25	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/11/15 15:25	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/11/15 15:25	1
Styrene	0.98	U	2.0	0.98	ug/L			03/11/15 15:25	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/11/15 15:25	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/11/15 15:25	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/11/15 15:25	1
Toluene	0.51	U	1.0	0.51	ug/L			03/11/15 15:25	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/11/15 15:25	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/11/15 15:25	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/11/15 15:25	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/11/15 15:25	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/11/15 15:25	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/11/15 15:25	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/11/15 15:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	1.0	0.63	ug/L			03/11/15 15:25	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/11/15 15:25	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			03/11/15 15:25	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: A3SB-DPT0001-25.0-20150302
Date Collected: 03/02/15 09:15
Date Received: 03/04/15 09:20

Lab Sample ID: 660-65692-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		70 - 130		03/11/15 15:25	1
Dibromofluoromethane	106		70 - 130		03/11/15 15:25	1
Toluene-d8 (Surr)	108		70 - 130		03/11/15 15:25	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: A3SB-DPT0001-35.0-20150302
Date Collected: 03/02/15 09:42
Date Received: 03/04/15 09:20

Lab Sample ID: 660-65692-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/11/15 15:43	1
Benzene	0.50	U	1.0	0.50	ug/L			03/11/15 15:43	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/11/15 15:43	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/11/15 15:43	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/11/15 15:43	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/11/15 15:43	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/11/15 15:43	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/11/15 15:43	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/11/15 15:43	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/11/15 15:43	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/11/15 15:43	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/11/15 15:43	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/11/15 15:43	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/11/15 15:43	1
Cyclohexane	0.83	U	5.0	0.83	ug/L			03/11/15 15:43	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/11/15 15:43	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/11/15 15:43	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/11/15 15:43	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/11/15 15:43	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/11/15 15:43	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/11/15 15:43	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/11/15 15:43	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/11/15 15:43	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/11/15 15:43	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/11/15 15:43	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/11/15 15:43	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/11/15 15:43	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/11/15 15:43	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/11/15 15:43	1
Methyl acetate	2.3	U	5.0	2.3	ug/L			03/11/15 15:43	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/11/15 15:43	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/11/15 15:43	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/11/15 15:43	1
Styrene	0.98	U	2.0	0.98	ug/L			03/11/15 15:43	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/11/15 15:43	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/11/15 15:43	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/11/15 15:43	1
Toluene	0.51	U	1.0	0.51	ug/L			03/11/15 15:43	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/11/15 15:43	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/11/15 15:43	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/11/15 15:43	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/11/15 15:43	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/11/15 15:43	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/11/15 15:43	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/11/15 15:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	1.0	0.63	ug/L			03/11/15 15:43	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/11/15 15:43	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			03/11/15 15:43	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: A3SB-DPT0001-35.0-20150302
Date Collected: 03/02/15 09:42
Date Received: 03/04/15 09:20

Lab Sample ID: 660-65692-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		70 - 130		03/11/15 15:43	1
Dibromofluoromethane	111		70 - 130		03/11/15 15:43	1
Toluene-d8 (Surr)	103		70 - 130		03/11/15 15:43	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: A3SB-DPT0001-45.0-20150302
Date Collected: 03/02/15 10:06
Date Received: 03/04/15 09:20

Lab Sample ID: 660-65692-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/11/15 16:01	1
Benzene	0.50	U	1.0	0.50	ug/L			03/11/15 16:01	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/11/15 16:01	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/11/15 16:01	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/11/15 16:01	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/11/15 16:01	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/11/15 16:01	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/11/15 16:01	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/11/15 16:01	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/11/15 16:01	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/11/15 16:01	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/11/15 16:01	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/11/15 16:01	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/11/15 16:01	1
Cyclohexane	0.83	U	5.0	0.83	ug/L			03/11/15 16:01	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/11/15 16:01	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/11/15 16:01	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/11/15 16:01	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/11/15 16:01	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/11/15 16:01	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/11/15 16:01	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/11/15 16:01	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/11/15 16:01	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/11/15 16:01	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/11/15 16:01	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/11/15 16:01	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/11/15 16:01	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/11/15 16:01	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/11/15 16:01	1
Methyl acetate	2.3	U	5.0	2.3	ug/L			03/11/15 16:01	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/11/15 16:01	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/11/15 16:01	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/11/15 16:01	1
Styrene	0.98	U	2.0	0.98	ug/L			03/11/15 16:01	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/11/15 16:01	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/11/15 16:01	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/11/15 16:01	1
Toluene	0.51	U	1.0	0.51	ug/L			03/11/15 16:01	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/11/15 16:01	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/11/15 16:01	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/11/15 16:01	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/11/15 16:01	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/11/15 16:01	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/11/15 16:01	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/11/15 16:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	1.0	0.63	ug/L			03/11/15 16:01	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/11/15 16:01	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			03/11/15 16:01	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: A3SB-DPT0001-45.0-20150302
Date Collected: 03/02/15 10:06
Date Received: 03/04/15 09:20

Lab Sample ID: 660-65692-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 130		03/11/15 16:01	1
Dibromofluoromethane	113		70 - 130		03/11/15 16:01	1
Toluene-d8 (Surr)	103		70 - 130		03/11/15 16:01	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: A3SB-DPT0003-10.0-20150302
Date Collected: 03/02/15 11:17
Date Received: 03/04/15 09:20

Lab Sample ID: 660-65692-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/11/15 16:19	1
Benzene	0.50	U	1.0	0.50	ug/L			03/11/15 16:19	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/11/15 16:19	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/11/15 16:19	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/11/15 16:19	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/11/15 16:19	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/11/15 16:19	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/11/15 16:19	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/11/15 16:19	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/11/15 16:19	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/11/15 16:19	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/11/15 16:19	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/11/15 16:19	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/11/15 16:19	1
Cyclohexane	0.83	U	5.0	0.83	ug/L			03/11/15 16:19	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/11/15 16:19	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/11/15 16:19	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/11/15 16:19	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/11/15 16:19	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/11/15 16:19	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/11/15 16:19	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/11/15 16:19	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/11/15 16:19	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/11/15 16:19	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/11/15 16:19	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/11/15 16:19	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/11/15 16:19	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/11/15 16:19	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/11/15 16:19	1
Methyl acetate	2.3	U	5.0	2.3	ug/L			03/11/15 16:19	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/11/15 16:19	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/11/15 16:19	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/11/15 16:19	1
Styrene	0.98	U	2.0	0.98	ug/L			03/11/15 16:19	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/11/15 16:19	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/11/15 16:19	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/11/15 16:19	1
Toluene	0.51	U	1.0	0.51	ug/L			03/11/15 16:19	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/11/15 16:19	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/11/15 16:19	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/11/15 16:19	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/11/15 16:19	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/11/15 16:19	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/11/15 16:19	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/11/15 16:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	1.0	0.63	ug/L			03/11/15 16:19	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/11/15 16:19	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			03/11/15 16:19	1

Client Sample ID: A3SB-DPT0003-10.0-20150302
Date Collected: 03/02/15 11:17
Date Received: 03/04/15 09:20

Lab Sample ID: 660-65692-4
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/11/15 16:19*	*1*
Dibromofluoromethane	*115*		*70 - 130*		*03/11/15 16:19*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/11/15 16:19*	*1*

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.038	U	0.19	0.038	ug/L		03/06/15 10:30	03/09/15 18:07	1
Acenaphthene	0.040	U Q	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 17:12	1
Acenaphthylene	0.024	U	0.19	0.024	ug/L		03/06/15 10:30	03/09/15 18:07	1
Acenaphthylene	0.025	U Q	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 17:12	1
Anthracene	0.038	U	0.19	0.038	ug/L		03/06/15 10:30	03/09/15 18:07	1
Anthracene	0.040	U Q	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 17:12	1
Benzo[a]anthracene	0.024	U	0.19	0.024	ug/L		03/06/15 10:30	03/09/15 18:07	1
Benzo[a]anthracene	0.025	U Q	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 17:12	1
Benzo[a]pyrene	0.024	U	0.19	0.024	ug/L		03/06/15 10:30	03/09/15 18:07	1
Benzo[a]pyrene	0.025	U Q	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 17:12	1
Benzo[b]fluoranthene	0.024	U	0.096	0.024	ug/L		03/06/15 10:30	03/09/15 18:07	1
Benzo[b]fluoranthene	0.025	U Q J3	0.10	0.025	ug/L		03/10/15 17:00	03/11/15 17:12	1
Benzo[g,h,i]perylene	0.038	U J3	0.19	0.038	ug/L		03/06/15 10:30	03/09/15 18:07	1
Benzo[g,h,i]perylene	0.040	U Q J3	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 17:12	1
Benzo[k]fluoranthene	0.024	U	0.19	0.024	ug/L		03/06/15 10:30	03/09/15 18:07	1
Benzo[k]fluoranthene	0.025	U Q	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 17:12	1
Chrysene	0.024	U	0.19	0.024	ug/L		03/06/15 10:30	03/09/15 18:07	1
Chrysene	0.025	U Q	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 17:12	1
Dibenz(a,h)anthracene	0.038	U J3	0.19	0.038	ug/L		03/06/15 10:30	03/09/15 18:07	1
Dibenz(a,h)anthracene	0.040	U Q J3	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 17:12	1
Fluoranthene	0.024	U J3	0.19	0.024	ug/L		03/06/15 10:30	03/09/15 18:07	1
Fluoranthene	0.025	U Q	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 17:12	1
Fluorene	0.038	U	0.19	0.038	ug/L		03/06/15 10:30	03/09/15 18:07	1
Fluorene	0.040	U Q	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 17:12	1
Indeno[1,2,3-cd]pyrene	0.042	U	0.19	0.042	ug/L		03/06/15 10:30	03/09/15 18:07	1
Indeno[1,2,3-cd]pyrene	0.044	U Q J3	0.20	0.044	ug/L		03/10/15 17:00	03/11/15 17:12	1
1-Methylnaphthalene	0.038	U	0.19	0.038	ug/L		03/06/15 10:30	03/09/15 18:07	1
1-Methylnaphthalene	0.040	U Q	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 17:12	1
2-Methylnaphthalene	0.030	U	0.19	0.030	ug/L		03/06/15 10:30	03/09/15 18:07	1
2-Methylnaphthalene	0.031	U Q	0.20	0.031	ug/L		03/10/15 17:00	03/11/15 17:12	1
Naphthalene	0.038	U	0.19	0.038	ug/L		03/06/15 10:30	03/09/15 18:07	1
Naphthalene	0.040	U Q	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 17:12	1
Phenanthrene	0.038	U	0.19	0.038	ug/L		03/06/15 10:30	03/09/15 18:07	1
Phenanthrene	0.040	U Q	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 17:12	1
Pyrene	0.024	U J3	0.19	0.024	ug/L		03/06/15 10:30	03/09/15 18:07	1
Pyrene	0.025	U Q	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*59*		*40 - 114*	*03/06/15 10:30*	*03/09/15 18:07*	*1*
o-Terphenyl	*55*		*40 - 114*	*03/10/15 17:00*	*03/11/15 17:12*	*1*

Method: FL-PRO - Florida - Petroleum Range Organics (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C8-C40)	0.080	U	0.30	0.080	mg/L		03/05/15 16:00	03/07/15 18:21	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: A3SB-DPT0003-10.0-20150302
Date Collected: 03/02/15 11:17
Date Received: 03/04/15 09:20

Lab Sample ID: 660-65692-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	83		82 - 142	03/05/15 16:00	03/07/15 18:21	1
n-C39	71		42 - 193	03/05/15 16:00	03/07/15 18:21	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: A3SB-DPT0003-25.0-20150302
Date Collected: 03/02/15 11:48
Date Received: 03/04/15 09:20

Lab Sample ID: 660-65692-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/11/15 16:38	1
Benzene	0.50	U	1.0	0.50	ug/L			03/11/15 16:38	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/11/15 16:38	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/11/15 16:38	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/11/15 16:38	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/11/15 16:38	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/11/15 16:38	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/11/15 16:38	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/11/15 16:38	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/11/15 16:38	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/11/15 16:38	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/11/15 16:38	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/11/15 16:38	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/11/15 16:38	1
Cyclohexane	0.83	U	5.0	0.83	ug/L			03/11/15 16:38	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/11/15 16:38	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/11/15 16:38	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/11/15 16:38	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/11/15 16:38	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/11/15 16:38	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/11/15 16:38	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/11/15 16:38	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/11/15 16:38	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/11/15 16:38	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/11/15 16:38	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/11/15 16:38	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/11/15 16:38	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/11/15 16:38	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/11/15 16:38	1
Methyl acetate	2.3	U	5.0	2.3	ug/L			03/11/15 16:38	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/11/15 16:38	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/11/15 16:38	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/11/15 16:38	1
Styrene	0.98	U	2.0	0.98	ug/L			03/11/15 16:38	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/11/15 16:38	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/11/15 16:38	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/11/15 16:38	1
Toluene	0.51	U	1.0	0.51	ug/L			03/11/15 16:38	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/11/15 16:38	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/11/15 16:38	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/11/15 16:38	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/11/15 16:38	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/11/15 16:38	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/11/15 16:38	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/11/15 16:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	1.0	0.63	ug/L			03/11/15 16:38	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/11/15 16:38	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			03/11/15 16:38	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: A3SB-DPT0003-25.0-20150302
Date Collected: 03/02/15 11:48
Date Received: 03/04/15 09:20

Lab Sample ID: 660-65692-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		70 - 130		03/11/15 16:38	1
Dibromofluoromethane	110		70 - 130		03/11/15 16:38	1
Toluene-d8 (Surr)	105		70 - 130		03/11/15 16:38	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: A3SB-DPT0003-35.0-20150302
Date Collected: 03/02/15 12:06
Date Received: 03/04/15 09:20

Lab Sample ID: 660-65692-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/11/15 16:56	1
Benzene	0.50	U	1.0	0.50	ug/L			03/11/15 16:56	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/11/15 16:56	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/11/15 16:56	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/11/15 16:56	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/11/15 16:56	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/11/15 16:56	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/11/15 16:56	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/11/15 16:56	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/11/15 16:56	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/11/15 16:56	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/11/15 16:56	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/11/15 16:56	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/11/15 16:56	1
Cyclohexane	0.83	U	5.0	0.83	ug/L			03/11/15 16:56	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/11/15 16:56	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/11/15 16:56	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/11/15 16:56	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/11/15 16:56	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/11/15 16:56	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/11/15 16:56	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/11/15 16:56	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/11/15 16:56	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/11/15 16:56	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/11/15 16:56	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/11/15 16:56	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/11/15 16:56	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/11/15 16:56	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/11/15 16:56	1
Methyl acetate	2.3	U	5.0	2.3	ug/L			03/11/15 16:56	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/11/15 16:56	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/11/15 16:56	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/11/15 16:56	1
Styrene	0.98	U	2.0	0.98	ug/L			03/11/15 16:56	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/11/15 16:56	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/11/15 16:56	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/11/15 16:56	1
Toluene	0.51	U	1.0	0.51	ug/L			03/11/15 16:56	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/11/15 16:56	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/11/15 16:56	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/11/15 16:56	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/11/15 16:56	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/11/15 16:56	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/11/15 16:56	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/11/15 16:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	1.0	0.63	ug/L			03/11/15 16:56	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/11/15 16:56	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			03/11/15 16:56	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: A3SB-DPT0003-35.0-20150302
Date Collected: 03/02/15 12:06
Date Received: 03/04/15 09:20

Lab Sample ID: 660-65692-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130		03/11/15 16:56	1
Dibromofluoromethane	112		70 - 130		03/11/15 16:56	1
Toluene-d8 (Surr)	106		70 - 130		03/11/15 16:56	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: A3SB-DPT0003-45.0-20150302
Date Collected: 03/02/15 12:30
Date Received: 03/04/15 09:20

Lab Sample ID: 660-65692-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/11/15 17:14	1
Benzene	0.50	U	1.0	0.50	ug/L			03/11/15 17:14	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/11/15 17:14	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/11/15 17:14	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/11/15 17:14	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/11/15 17:14	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/11/15 17:14	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/11/15 17:14	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/11/15 17:14	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/11/15 17:14	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/11/15 17:14	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/11/15 17:14	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/11/15 17:14	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/11/15 17:14	1
Cyclohexane	0.83	U	5.0	0.83	ug/L			03/11/15 17:14	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/11/15 17:14	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/11/15 17:14	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/11/15 17:14	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/11/15 17:14	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/11/15 17:14	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/11/15 17:14	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/11/15 17:14	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/11/15 17:14	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/11/15 17:14	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/11/15 17:14	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/11/15 17:14	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/11/15 17:14	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/11/15 17:14	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/11/15 17:14	1
Methyl acetate	2.3	U	5.0	2.3	ug/L			03/11/15 17:14	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/11/15 17:14	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/11/15 17:14	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/11/15 17:14	1
Styrene	0.98	U	2.0	0.98	ug/L			03/11/15 17:14	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/11/15 17:14	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/11/15 17:14	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/11/15 17:14	1
Toluene	0.51	U	1.0	0.51	ug/L			03/11/15 17:14	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/11/15 17:14	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/11/15 17:14	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/11/15 17:14	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/11/15 17:14	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/11/15 17:14	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/11/15 17:14	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/11/15 17:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	1.0	0.63	ug/L			03/11/15 17:14	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/11/15 17:14	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			03/11/15 17:14	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: A3SB-DPT0003-45.0-20150302
Date Collected: 03/02/15 12:30
Date Received: 03/04/15 09:20

Lab Sample ID: 660-65692-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130		03/11/15 17:14	1
Dibromofluoromethane	123		70 - 130		03/11/15 17:14	1
Toluene-d8 (Surr)	104		70 - 130		03/11/15 17:14	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: TA3SB-TB01-20150302
Date Collected: 03/02/15 00:00
Date Received: 03/04/15 09:20

Lab Sample ID: 660-65692-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/11/15 15:07	1
Benzene	0.50	U	1.0	0.50	ug/L			03/11/15 15:07	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/11/15 15:07	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/11/15 15:07	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/11/15 15:07	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/11/15 15:07	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/11/15 15:07	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/11/15 15:07	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/11/15 15:07	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/11/15 15:07	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/11/15 15:07	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/11/15 15:07	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/11/15 15:07	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/11/15 15:07	1
Cyclohexane	0.83	U	5.0	0.83	ug/L			03/11/15 15:07	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/11/15 15:07	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/11/15 15:07	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/11/15 15:07	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/11/15 15:07	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/11/15 15:07	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/11/15 15:07	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/11/15 15:07	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/11/15 15:07	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/11/15 15:07	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/11/15 15:07	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/11/15 15:07	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/11/15 15:07	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/11/15 15:07	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/11/15 15:07	1
Methyl acetate	2.3	U	5.0	2.3	ug/L			03/11/15 15:07	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/11/15 15:07	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/11/15 15:07	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/11/15 15:07	1
Styrene	0.98	U	2.0	0.98	ug/L			03/11/15 15:07	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/11/15 15:07	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/11/15 15:07	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/11/15 15:07	1
Toluene	0.51	U	1.0	0.51	ug/L			03/11/15 15:07	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/11/15 15:07	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/11/15 15:07	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/11/15 15:07	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/11/15 15:07	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/11/15 15:07	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/11/15 15:07	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/11/15 15:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	1.0	0.63	ug/L			03/11/15 15:07	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/11/15 15:07	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			03/11/15 15:07	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: TA3SB-TB01-20150302
Date Collected: 03/02/15 00:00
Date Received: 03/04/15 09:20

Lab Sample ID: 660-65692-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130		03/11/15 15:07	1
Dibromofluoromethane	107		70 - 130		03/11/15 15:07	1
Toluene-d8 (Surr)	102		70 - 130		03/11/15 15:07	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
660-65692-1	A3SB-DPT0001-25.0-20150302	104	106	108
660-65692-2	A3SB-DPT0001-35.0-20150302	103	111	103
660-65692-3	A3SB-DPT0001-45.0-20150302	97	113	103
660-65692-4	A3SB-DPT0003-10.0-20150302	99	115	101
660-65692-5	A3SB-DPT0003-25.0-20150302	103	110	105
660-65692-6	A3SB-DPT0003-35.0-20150302	99	112	106
660-65692-7	A3SB-DPT0003-45.0-20150302	101	123	104
660-65692-8	TA3SB-TB01-20150302	99	107	102
660-65769-A-16 MS	Matrix Spike	102	105	102
660-65769-A-16 MSD	Matrix Spike Duplicate	102	107	102
LCS 660-156275/4	Lab Control Sample	103	102	104
MB 660-156275/6	Method Blank	98	108	101

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		OTPH
Lab Sample ID	Client Sample ID	(40-114)
640-50652-A-8-A MS	Matrix Spike	59
640-50652-B-8-A MSD	Matrix Spike Duplicate	62
660-65692-4	A3SB-DPT0003-10.0-20150302	59
660-65692-4	A3SB-DPT0003-10.0-20150302	55
660-65692-4 MS	A3SB-DPT0003-10.0-20150302	63
660-65692-4 MSD	A3SB-DPT0003-10.0-20150302	59
LCS 640-115337/2-A	Lab Control Sample	75
LCS 640-115416/2-A	Lab Control Sample	78
LCSD 640-115337/3-A	Lab Control Sample Dup	71
LCSD 640-115416/3-A	Lab Control Sample Dup	71
MB 640-115337/1-A	Method Blank	70
MB 640-115416/1-A	Method Blank	76

Surrogate Legend

OTPH = o-Terphenyl

Method: FL-PRO - Florida - Petroleum Range Organics (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		OTPH	C39
Lab Sample ID	Client Sample ID	(82-142)	(42-193)
640-50634-D-2-A MS	Matrix Spike	101	92
640-50634-K-2-A MSD	Matrix Spike Duplicate	91	88
660-65692-4	A3SB-DPT0003-10.0-20150302	83	71
LCS 640-115310/2-A	Lab Control Sample	99	85

Surrogate Summary

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Method: FL-PRO - Florida - Petroleum Range Organics (GC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	OTPH (82-142)	C39 (42-193)								
MB 640-115310/1-A	Method Blank	99	82								

Surrogate Legend

OTPH = o-Terphenyl

C39 = n-C39

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-156275/6
Matrix: Water
Analysis Batch: 156275

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/11/15 11:15	1
Benzene	0.50	U	1.0	0.50	ug/L			03/11/15 11:15	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/11/15 11:15	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/11/15 11:15	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/11/15 11:15	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/11/15 11:15	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/11/15 11:15	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/11/15 11:15	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/11/15 11:15	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/11/15 11:15	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/11/15 11:15	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/11/15 11:15	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/11/15 11:15	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/11/15 11:15	1
Cyclohexane	0.83	U	5.0	0.83	ug/L			03/11/15 11:15	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/11/15 11:15	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/11/15 11:15	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/11/15 11:15	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/11/15 11:15	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/11/15 11:15	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/11/15 11:15	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/11/15 11:15	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/11/15 11:15	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/11/15 11:15	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/11/15 11:15	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/11/15 11:15	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/11/15 11:15	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/11/15 11:15	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/11/15 11:15	1
Methyl acetate	2.3	U	5.0	2.3	ug/L			03/11/15 11:15	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/11/15 11:15	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/11/15 11:15	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/11/15 11:15	1
Styrene	0.98	U	2.0	0.98	ug/L			03/11/15 11:15	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/11/15 11:15	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/11/15 11:15	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/11/15 11:15	1
Toluene	0.51	U	1.0	0.51	ug/L			03/11/15 11:15	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/11/15 11:15	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/11/15 11:15	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/11/15 11:15	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/11/15 11:15	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/11/15 11:15	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/11/15 11:15	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/11/15 11:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	1.0	0.63	ug/L			03/11/15 11:15	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/11/15 11:15	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			03/11/15 11:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-156275/6
Matrix: Water
Analysis Batch: 156275

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*98*		*70 - 130*		*03/11/15 11:15*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*03/11/15 11:15*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/11/15 11:15*	*1*

Lab Sample ID: LCS 660-156275/4
Matrix: Water
Analysis Batch: 156275

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	101		ug/L		101	62 - 142
Benzene	10.0	10.3		ug/L		103	68 - 134
Bromoform	10.0	8.26		ug/L		83	65 - 130
Bromomethane	10.0	9.36		ug/L		94	22 - 150
2-Butanone (MEK)	100	85.9		ug/L		86	63 - 140
Carbon disulfide	10.0	10.3		ug/L		103	30 - 150
Carbon tetrachloride	10.0	11.4		ug/L		114	61 - 134
Chlorobenzene	10.0	9.71		ug/L		97	70 - 130
Chlorodibromomethane	10.0	9.72		ug/L		97	70 - 130
Chloroethane	10.0	11.2		ug/L		112	39 - 150
Chloroform	10.0	10.2		ug/L		102	68 - 130
Chloromethane	10.0	12.0		ug/L		120	35 - 150
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	66 - 130
cis-1,3-Dichloropropene	10.0	8.44		ug/L		84	70 - 130
Cyclohexane	10.0	9.14		ug/L		91	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	10.7		ug/L		107	63 - 130
1,2-Dichlorobenzene	10.0	10.2		ug/L		102	70 - 130
1,3-Dichlorobenzene	10.0	10.4		ug/L		104	70 - 130
1,4-Dichlorobenzene	10.0	9.80		ug/L		98	70 - 130
Dichlorobromomethane	10.0	10.4		ug/L		104	70 - 130
Dichlorodifluoromethane	10.0	13.7		ug/L		137	16 - 149
1,1-Dichloroethane	10.0	9.91		ug/L		99	66 - 130
1,2-Dichloroethane	10.0	10.4		ug/L		104	70 - 130
1,1-Dichloroethene	10.0	11.1		ug/L		111	51 - 150
1,2-Dichloropropane	10.0	9.46		ug/L		95	70 - 130
Ethylbenzene	10.0	8.72		ug/L		87	70 - 130
Ethylene Dibromide	10.0	10.5		ug/L		105	66 - 130
2-Hexanone	100	94.9		ug/L		95	60 - 148
Isopropylbenzene	10.0	8.72		ug/L		87	62 - 130
Methyl acetate	50.0	43.6		ug/L		87	70 - 130
Methylene Chloride	10.0	9.50		ug/L		95	57 - 130
4-Methyl-2-pentanone (MIBK)	100	96.7		ug/L		97	64 - 137
Methyl tert-butyl ether	10.0	8.87		ug/L		89	67 - 130
Styrene	10.0	8.59		ug/L		86	68 - 131
1,1,1,2-Tetrachloroethane	10.0	9.82		ug/L		98	70 - 130
1,1,2,2-Tetrachloroethane	10.0	8.99		ug/L		90	70 - 130
Tetrachloroethene	10.0	10.9		ug/L		109	50 - 143
Toluene	10.0	10.7		ug/L		107	70 - 131
trans-1,2-Dichloroethene	10.0	10.1		ug/L		101	62 - 139

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-156275/4
Matrix: Water
Analysis Batch: 156275

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	10.0	9.55		ug/L		96	67 - 130
1,2,3-Trichlorobenzene	10.0	9.83		ug/L		98	58 - 132
1,1,1-Trichloroethane	10.0	10.5		ug/L		105	63 - 132
1,1,2-Trichloroethane	10.0	10.4		ug/L		104	70 - 130
Trichloroethene	10.0	10.7		ug/L		107	63 - 139
Trichlorofluoromethane	10.0	11.7		ug/L		117	62 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.14		ug/L		91	70 - 130
Vinyl chloride	10.0	10.5		ug/L		105	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: 660-65769-A-16 MS
Matrix: Water
Analysis Batch: 156275

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	500	U	5000	4620		ug/L		92	62 - 142
Benzene	25	U	500	550		ug/L		110	68 - 134
Bromoform	32	U	500	446		ug/L		89	65 - 130
Bromomethane	130	U	500	431		ug/L		86	22 - 150
2-Butanone (MEK)	420	U	5000	4420		ug/L		88	63 - 140
Carbon disulfide	50	U	500	570		ug/L		114	30 - 150
Carbon tetrachloride	22	U	500	584		ug/L		117	61 - 134
Chlorobenzene	32	U	500	530		ug/L		106	70 - 130
Chlorodibromomethane	16	U	500	501		ug/L		100	70 - 130
Chloroethane	130	U	500	527		ug/L		105	39 - 150
Chloroform	45	U	500	549		ug/L		110	68 - 130
Chloromethane	50	U	500	593		ug/L		119	35 - 150
cis-1,2-Dichloroethene	530		500	1100		ug/L		114	66 - 130
cis-1,3-Dichloropropene	20	U	500	432		ug/L		86	70 - 130
Cyclohexane	42	U	500	467		ug/L		93	70 - 130
1,2-Dibromo-3-Chloropropane	130	U	500	467		ug/L		93	63 - 130
1,2-Dichlorobenzene	25	U	500	557		ug/L		111	70 - 130
1,3-Dichlorobenzene	32	U	500	557		ug/L		111	70 - 130
1,4-Dichlorobenzene	30	U	500	504		ug/L		101	70 - 130
Dichlorobromomethane	22	U	500	559		ug/L		112	70 - 130
Dichlorodifluoromethane	130	U	500	724		ug/L		145	16 - 149
1,1-Dichloroethane	47	I	500	602		ug/L		111	66 - 130
1,2-Dichloroethane	29	U	500	573		ug/L		115	70 - 130
1,1-Dichloroethene	36	I	500	581		ug/L		109	51 - 150
1,2-Dichloropropane	26	U	500	489		ug/L		98	70 - 130
Ethylbenzene	22	U	500	475		ug/L		95	70 - 130
Ethylene Dibromide	25	U	500	505		ug/L		101	66 - 130
2-Hexanone	220	U	5000	4650		ug/L		93	60 - 148

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-65769-A-16 MS
Matrix: Water
Analysis Batch: 156275

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	26	U	500	448		ug/L		90	62 - 130
Methyl acetate	120	U	2500	2260		ug/L		90	70 - 130
Methylene Chloride	200	U	500	540		ug/L		108	57 - 130
4-Methyl-2-pentanone (MIBK)	200	U	5000	4150		ug/L		83	64 - 137
Methyl tert-butyl ether	22	U	500	448		ug/L		90	67 - 130
Styrene	49	U	500	437		ug/L		87	68 - 131
1,1,1,2-Tetrachloroethane	32	U	500	535		ug/L		107	70 - 130
1,1,2,2-Tetrachloroethane	8.5	U	500	490		ug/L		98	70 - 130
Tetrachloroethene	25	U	500	505		ug/L		101	50 - 143
Toluene	26	U	500	530		ug/L		106	70 - 131
trans-1,2-Dichloroethene	34	U	500	519		ug/L		104	62 - 139
trans-1,3-Dichloropropene	14	U	500	492		ug/L		98	67 - 130
1,2,3-Trichlorobenzene	39	U	500	500		ug/L		100	58 - 132
1,1,1-Trichloroethane	24	U	500	581		ug/L		116	63 - 132
1,1,2-Trichloroethane	24	U	500	484		ug/L		97	70 - 130
Trichloroethene	2700	J3	500	2860	J3	ug/L		38	63 - 139
Trichlorofluoromethane	130	U	500	579		ug/L		116	62 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	32	U	500	511		ug/L		102	70 - 130
Vinyl chloride	36	U	500	537		ug/L		107	48 - 147

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 660-65769-A-16 MSD
Matrix: Water
Analysis Batch: 156275

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	500	U	5000	5100		ug/L		102	62 - 142	10	30
Benzene	25	U	500	559		ug/L		112	68 - 134	2	30
Bromoform	32	U	500	492		ug/L		98	65 - 130	10	30
Bromomethane	130	U	500	441		ug/L		88	22 - 150	2	30
2-Butanone (MEK)	420	U	5000	4290		ug/L		86	63 - 140	3	30
Carbon disulfide	50	U	500	555		ug/L		111	30 - 150	3	30
Carbon tetrachloride	22	U	500	599		ug/L		120	61 - 134	2	30
Chlorobenzene	32	U	500	498		ug/L		100	70 - 130	6	30
Chlorodibromomethane	16	U	500	481		ug/L		96	70 - 130	4	30
Chloroethane	130	U	500	497		ug/L		99	39 - 150	6	30
Chloroform	45	U	500	527		ug/L		105	68 - 130	4	30
Chloromethane	50	U	500	586		ug/L		117	35 - 150	1	30
cis-1,2-Dichloroethene	530		500	1050		ug/L		104	66 - 130	5	30
cis-1,3-Dichloropropene	20	U	500	415		ug/L		83	70 - 130	4	30
Cyclohexane	42	U	500	488		ug/L		98	70 - 130	4	30
1,2-Dibromo-3-Chloropropane	130	U	500	562		ug/L		112	63 - 130	19	30
1,2-Dichlorobenzene	25	U	500	504		ug/L		101	70 - 130	10	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-65769-A-16 MSD
Matrix: Water
Analysis Batch: 156275

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene	32	U	500	516		ug/L		103	70 - 130	8	30
1,4-Dichlorobenzene	30	U	500	496		ug/L		99	70 - 130	2	30
Dichlorobromomethane	22	U	500	559		ug/L		112	70 - 130	0	30
Dichlorodifluoromethane	130	U	500	680		ug/L		136	16 - 149	6	30
1,1-Dichloroethane	47	I	500	610		ug/L		113	66 - 130	1	30
1,2-Dichloroethane	29	U	500	600		ug/L		120	70 - 130	5	30
1,1-Dichloroethene	36	I	500	615		ug/L		116	51 - 150	6	30
1,2-Dichloropropane	26	U	500	509		ug/L		102	70 - 130	4	30
Ethylbenzene	22	U	500	477		ug/L		95	70 - 130	1	30
Ethylene Dibromide	25	U	500	514		ug/L		103	66 - 130	2	30
2-Hexanone	220	U	5000	4590		ug/L		92	60 - 148	1	30
Isopropylbenzene	26	U	500	445		ug/L		89	62 - 130	1	30
Methyl acetate	120	U	2500	2320		ug/L		93	70 - 130	3	30
Methylene Chloride	200	U	500	530		ug/L		106	57 - 130	2	30
4-Methyl-2-pentanone (MIBK)	200	U	5000	4640		ug/L		93	64 - 137	11	30
Methyl tert-butyl ether	22	U	500	449		ug/L		90	67 - 130	0	30
Styrene	49	U	500	423		ug/L		85	68 - 131	3	30
1,1,1,2-Tetrachloroethane	32	U	500	508		ug/L		102	70 - 130	5	30
1,1,2,2-Tetrachloroethane	8.5	U	500	471		ug/L		94	70 - 130	4	30
Tetrachloroethene	25	U	500	542		ug/L		108	50 - 143	7	30
Toluene	26	U	500	555		ug/L		111	70 - 131	5	30
trans-1,2-Dichloroethene	34	U	500	514		ug/L		103	62 - 139	1	30
trans-1,3-Dichloropropene	14	U	500	481		ug/L		96	67 - 130	2	30
1,2,3-Trichlorobenzene	39	U	500	490		ug/L		98	58 - 132	2	30
1,1,1-Trichloroethane	24	U	500	594		ug/L		119	63 - 132	2	30
1,1,2-Trichloroethane	24	U	500	513		ug/L		103	70 - 130	6	30
Trichloroethene	2700	J3	500	2900	J3	ug/L		45	63 - 139	1	30
Trichlorofluoromethane	130	U	500	552		ug/L		110	62 - 146	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	32	U	500	531		ug/L		106	70 - 130	4	30
Vinyl chloride	36	U	500	539		ug/L		108	48 - 147	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
Dibromofluoromethane	*107*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Lab Sample ID: MB 640-115337/1-A
Matrix: Water
Analysis Batch: 115371

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 115337

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.040	U	0.20	0.040	ug/L		03/06/15 10:30	03/09/15 11:49	1
Acenaphthylene	0.025	U	0.20	0.025	ug/L		03/06/15 10:30	03/09/15 11:49	1
Anthracene	0.040	U	0.20	0.040	ug/L		03/06/15 10:30	03/09/15 11:49	1
Benzo[a]anthracene	0.025	U	0.20	0.025	ug/L		03/06/15 10:30	03/09/15 11:49	1

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: MB 640-115337/1-A
Matrix: Water
Analysis Batch: 115371

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 115337

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	0.025	U	0.20	0.025	ug/L		03/06/15 10:30	03/09/15 11:49	1
Benzo[b]fluoranthene	0.025	U	0.10	0.025	ug/L		03/06/15 10:30	03/09/15 11:49	1
Benzo[g,h,i]perylene	0.040	U	0.20	0.040	ug/L		03/06/15 10:30	03/09/15 11:49	1
Benzo[k]fluoranthene	0.025	U	0.20	0.025	ug/L		03/06/15 10:30	03/09/15 11:49	1
Chrysene	0.025	U	0.20	0.025	ug/L		03/06/15 10:30	03/09/15 11:49	1
Dibenz(a,h)anthracene	0.040	U	0.20	0.040	ug/L		03/06/15 10:30	03/09/15 11:49	1
Fluoranthene	0.025	U	0.20	0.025	ug/L		03/06/15 10:30	03/09/15 11:49	1
Fluorene	0.040	U	0.20	0.040	ug/L		03/06/15 10:30	03/09/15 11:49	1
Indeno[1,2,3-cd]pyrene	0.044	U	0.20	0.044	ug/L		03/06/15 10:30	03/09/15 11:49	1
1-Methylnaphthalene	0.040	U	0.20	0.040	ug/L		03/06/15 10:30	03/09/15 11:49	1
2-Methylnaphthalene	0.031	U	0.20	0.031	ug/L		03/06/15 10:30	03/09/15 11:49	1
Naphthalene	0.040	U	0.20	0.040	ug/L		03/06/15 10:30	03/09/15 11:49	1
Phenanthrene	0.040	U	0.20	0.040	ug/L		03/06/15 10:30	03/09/15 11:49	1
Pyrene	0.025	U	0.20	0.025	ug/L		03/06/15 10:30	03/09/15 11:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*70*		*40 - 114*	*03/06/15 10:30*	*03/09/15 11:49*	*1*

Lab Sample ID: LCS 640-115337/2-A
Matrix: Water
Analysis Batch: 115371

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 115337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	8.00	5.94		ug/L		74	50 - 110
Acenaphthylene	8.00	5.94		ug/L		74	27 - 105
Anthracene	8.00	5.85		ug/L		73	33 - 103
Benzo[a]anthracene	8.00	6.33		ug/L		79	58 - 112
Benzo[a]pyrene	8.00	5.99		ug/L		75	34 - 115
Benzo[b]fluoranthene	8.00	6.06		ug/L		76	68 - 120
Benzo[g,h,i]perylene	8.00	4.51	J3	ug/L		56	57 - 128
Benzo[k]fluoranthene	8.00	6.12		ug/L		77	67 - 115
Chrysene	8.00	6.61		ug/L		83	64 - 115
Dibenz(a,h)anthracene	8.00	4.07	J3	ug/L		51	52 - 128
Fluoranthene	8.00	6.14		ug/L		77	66 - 113
Fluorene	8.00	6.06		ug/L		76	59 - 113
Indeno[1,2,3-cd]pyrene	8.00	5.16		ug/L		65	58 - 121
1-Methylnaphthalene	8.00	5.59		ug/L		70	46 - 103
2-Methylnaphthalene	8.00	5.23		ug/L		65	46 - 106
Naphthalene	8.00	5.58		ug/L		70	43 - 104
Phenanthrene	8.00	6.25		ug/L		78	57 - 109
Pyrene	8.00	8.02		ug/L		100	60 - 114

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*75*		*40 - 114*

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: LCSD 640-115337/3-A
Matrix: Water
Analysis Batch: 115371

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 115337

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene			8.00	5.20		ug/L		65	50 - 110	13	40
Acenaphthylene			8.00	5.17		ug/L		65	27 - 105	14	40
Anthracene			8.00	5.48		ug/L		69	33 - 103	7	40
Benzo[a]anthracene			8.00	6.19		ug/L		77	58 - 112	2	37
Benzo[a]pyrene			8.00	5.66		ug/L		71	34 - 115	6	40
Benzo[b]fluoranthene			8.00	5.91		ug/L		74	68 - 120	3	23
Benzo[g,h,i]perylene			8.00	4.44	J3	ug/L		55	57 - 128	2	27
Benzo[k]fluoranthene			8.00	5.99		ug/L		75	67 - 115	2	23
Chrysene			8.00	6.83		ug/L		85	64 - 115	3	34
Dibenz(a,h)anthracene			8.00	3.92	J3	ug/L		49	52 - 128	4	30
Fluoranthene			8.00	5.03	J3	ug/L		63	66 - 113	20	32
Fluorene			8.00	5.30		ug/L		66	59 - 113	13	36
Indeno[1,2,3-cd]pyrene			8.00	4.82		ug/L		60	58 - 121	7	26
1-Methylnaphthalene			8.00	4.91		ug/L		61	46 - 103	13	40
2-Methylnaphthalene			8.00	4.68		ug/L		59	46 - 106	11	40
Naphthalene			8.00	4.93		ug/L		62	43 - 104	12	40
Phenanthrene			8.00	5.90		ug/L		74	57 - 109	6	32
Pyrene			8.00	5.07	J3	ug/L		63	60 - 114	45	37

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*71*		*40 - 114*

Lab Sample ID: 640-50652-A-8-A MS
Matrix: Water
Analysis Batch: 115371

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 115337

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	0.045	I	7.69	4.14		ug/L		53	25 - 118
Acenaphthylene	0.024	U	7.69	4.16		ug/L		54	19 - 110
Anthracene	0.038	U	7.69	4.44		ug/L		58	31 - 110
Benzo[a]anthracene	0.024	U	7.69	5.49		ug/L		71	37 - 122
Benzo[a]pyrene	0.024	U	7.69	4.02		ug/L		52	20 - 121
Benzo[b]fluoranthene	0.024	U	7.69	4.36		ug/L		57	27 - 131
Benzo[g,h,i]perylene	0.038	U J3	7.69	2.73		ug/L		35	10 - 137
Benzo[k]fluoranthene	0.024	U	7.69	4.05		ug/L		53	25 - 126
Chrysene	0.024	U	7.69	5.50		ug/L		71	39 - 124
Dibenz(a,h)anthracene	0.038	U J3	7.69	2.34		ug/L		30	10 - 131
Fluoranthene	0.024	U J3	7.69	5.35		ug/L		70	49 - 122
Fluorene	0.038	U	7.69	4.34		ug/L		56	29 - 126
Indeno[1,2,3-cd]pyrene	0.042	U	7.69	2.90		ug/L		38	10 - 133
1-Methylnaphthalene	7.1		7.69	12.3		ug/L		68	11 - 123
2-Methylnaphthalene	10		7.69	16.3		ug/L		77	16 - 121
Naphthalene	54	L J3	7.69	67.7	L J3	ug/L		173	10 - 132
Phenanthrene	0.038	U	7.69	4.70		ug/L		61	38 - 117
Pyrene	0.024	U J3	7.69	5.76		ug/L		75	43 - 122

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: 640-50652-A-8-A MS
Matrix: Water
Analysis Batch: 115371

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 115337

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl	59		40 - 114

Lab Sample ID: 640-50652-B-8-A MSD
Matrix: Water
Analysis Batch: 115371

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 115337

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	0.045	I	7.69	4.50		ug/L		58	25 - 118	8	39
Acenaphthylene	0.024	U	7.69	4.49		ug/L		58	19 - 110	8	43
Anthracene	0.038	U	7.69	4.93		ug/L		64	31 - 110	11	42
Benzo[a]anthracene	0.024	U	7.69	5.11		ug/L		66	37 - 122	7	23
Benzo[a]pyrene	0.024	U	7.69	3.60		ug/L		47	20 - 121	11	29
Benzo[b]fluoranthene	0.024	U	7.69	4.05		ug/L		53	27 - 131	7	29
Benzo[g,h,i]perylene	0.038	U J3	7.69	2.07		ug/L		27	10 - 137	28	39
Benzo[k]fluoranthene	0.024	U	7.69	3.41		ug/L		44	25 - 126	17	31
Chrysene	0.024	U	7.69	4.97		ug/L		65	39 - 124	10	26
Dibenz(a,h)anthracene	0.038	U J3	7.69	1.73		ug/L		22	10 - 131	30	41
Fluoranthene	0.024	U J3	7.69	5.51		ug/L		72	49 - 122	3	34
Fluorene	0.038	U	7.69	4.77		ug/L		62	29 - 126	10	43
Indeno[1,2,3-cd]pyrene	0.042	U	7.69	2.37		ug/L		31	10 - 133	20	38
1-Methylnaphthalene	7.1		7.69	12.5		ug/L		71	11 - 123	2	50
2-Methylnaphthalene	10		7.69	16.8		ug/L		83	16 - 121	3	50
Naphthalene	54	L J3	7.69	69.3	L J3	ug/L		193	10 - 132	2	50
Phenanthrene	0.038	U	7.69	5.14		ug/L		67	38 - 117	9	41
Pyrene	0.024	U J3	7.69	5.67		ug/L		74	43 - 122	2	33

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	62		40 - 114

Lab Sample ID: MB 640-115416/1-A
Matrix: Water
Analysis Batch: 115441

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 115416

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 15:37	1
Acenaphthylene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 15:37	1
Anthracene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 15:37	1
Benzo[a]anthracene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 15:37	1
Benzo[a]pyrene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 15:37	1
Benzo[b]fluoranthene	0.025	U	0.10	0.025	ug/L		03/10/15 17:00	03/11/15 15:37	1
Benzo[g,h,i]perylene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 15:37	1
Benzo[k]fluoranthene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 15:37	1
Chrysene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 15:37	1
Dibenz(a,h)anthracene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 15:37	1
Fluoranthene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 15:37	1
Fluorene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 15:37	1
Indeno[1,2,3-cd]pyrene	0.044	U	0.20	0.044	ug/L		03/10/15 17:00	03/11/15 15:37	1
1-Methylnaphthalene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 15:37	1

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: MB 640-115416/1-A
Matrix: Water
Analysis Batch: 115441

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 115416

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	0.031	U	0.20	0.031	ug/L		03/10/15 17:00	03/11/15 15:37	1
Naphthalene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 15:37	1
Phenanthrene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 15:37	1
Pyrene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 15:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*76*		*40 - 114*	*03/10/15 17:00*	*03/11/15 15:37*	*1*

Lab Sample ID: LCS 640-115416/2-A
Matrix: Water
Analysis Batch: 115441

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 115416

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	8.00	5.94		ug/L		74	50 - 110
Acenaphthylene	8.00	5.75		ug/L		72	27 - 105
Anthracene	8.00	5.95		ug/L		74	33 - 103
Benzo[a]anthracene	8.00	6.21		ug/L		78	58 - 112
Benzo[a]pyrene	8.00	5.81		ug/L		73	34 - 115
Benzo[b]fluoranthene	8.00	5.97		ug/L		75	68 - 120
Benzo[g,h,i]perylene	8.00	4.85		ug/L		61	57 - 128
Benzo[k]fluoranthene	8.00	5.93		ug/L		74	67 - 115
Chrysene	8.00	6.33		ug/L		79	64 - 115
Dibenz(a,h)anthracene	8.00	4.41		ug/L		55	52 - 128
Fluoranthene	8.00	6.55		ug/L		82	66 - 113
Fluorene	8.00	6.07		ug/L		76	59 - 113
Indeno[1,2,3-cd]pyrene	8.00	5.30		ug/L		66	58 - 121
1-Methylnaphthalene	8.00	5.73		ug/L		72	46 - 103
2-Methylnaphthalene	8.00	5.30		ug/L		66	46 - 106
Naphthalene	8.00	5.43		ug/L		68	43 - 104
Phenanthrene	8.00	6.25		ug/L		78	57 - 109
Pyrene	8.00	6.27		ug/L		78	60 - 114

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*78*		*40 - 114*

Lab Sample ID: LCSD 640-115416/3-A
Matrix: Water
Analysis Batch: 115441

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 115416

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	8.00	5.58		ug/L		70	50 - 110	6	40
Acenaphthylene	8.00	5.12		ug/L		64	27 - 105	12	40
Anthracene	8.00	5.44		ug/L		68	33 - 103	9	40
Benzo[a]anthracene	8.00	5.60		ug/L		70	58 - 112	10	37
Benzo[a]pyrene	8.00	4.96		ug/L		62	34 - 115	16	40
Benzo[b]fluoranthene	8.00	5.40	J3	ug/L		67	68 - 120	10	23
Benzo[g,h,i]perylene	8.00	4.23	J3	ug/L		53	57 - 128	14	27
Benzo[k]fluoranthene	8.00	5.45		ug/L		68	67 - 115	9	23

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: LCSD 640-115416/3-A
Matrix: Water
Analysis Batch: 115441

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 115416

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chrysene			8.00	5.91		ug/L		74	64 - 115	7	34
Dibenz(a,h)anthracene			8.00	3.90	J3	ug/L		49	52 - 128	12	30
Fluoranthene			8.00	6.01		ug/L		75	66 - 113	9	32
Fluorene			8.00	5.68		ug/L		71	59 - 113	7	36
Indeno[1,2,3-cd]pyrene			8.00	4.55	J3	ug/L		57	58 - 121	15	26
1-Methylnaphthalene			8.00	5.44		ug/L		68	46 - 103	5	40
2-Methylnaphthalene			8.00	5.12		ug/L		64	46 - 106	3	40
Naphthalene			8.00	5.21		ug/L		65	43 - 104	4	40
Phenanthrene			8.00	5.61		ug/L		70	57 - 109	11	32
Pyrene			8.00	5.71		ug/L		71	60 - 114	9	37

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*71*		*40 - 114*

Lab Sample ID: 660-65692-4 MS
Matrix: Water
Analysis Batch: 115441

Client Sample ID: A3SB-DPT0003-10.0-20150302
Prep Type: Total/NA
Prep Batch: 115416

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	0.040	U Q	8.00	5.27		ug/L		66	25 - 118
Acenaphthylene	0.025	U Q	8.00	4.89		ug/L		61	19 - 110
Anthracene	0.040	U Q	8.00	5.31		ug/L		66	31 - 110
Benzo[a]anthracene	0.025	U Q	8.00	4.31		ug/L		54	37 - 122
Benzo[a]pyrene	0.025	U Q	8.00	2.30		ug/L		29	20 - 121
Benzo[b]fluoranthene	0.025	U Q J3	8.00	2.63		ug/L		33	27 - 131
Benzo[g,h,i]perylene	0.040	U Q J3	8.00	1.53		ug/L		19	10 - 137
Benzo[k]fluoranthene	0.025	U Q	8.00	2.59		ug/L		32	25 - 126
Chrysene	0.025	U Q	8.00	4.35		ug/L		54	39 - 124
Dibenz(a,h)anthracene	0.040	U Q J3	8.00	1.29		ug/L		16	10 - 131
Fluoranthene	0.025	U Q	8.00	5.85		ug/L		73	49 - 122
Fluorene	0.040	U Q	8.00	5.46		ug/L		68	29 - 126
Indeno[1,2,3-cd]pyrene	0.044	U Q J3	8.00	1.52		ug/L		19	10 - 133
1-Methylnaphthalene	0.040	U Q	8.00	5.11		ug/L		64	11 - 123
2-Methylnaphthalene	0.031	U Q	8.00	4.84		ug/L		61	16 - 121
Naphthalene	0.040	U Q	8.00	4.95		ug/L		62	10 - 132
Phenanthrene	0.040	U Q	8.00	5.29		ug/L		66	38 - 117
Pyrene	0.025	U Q	8.00	5.36		ug/L		67	43 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*63*		*40 - 114*

Lab Sample ID: 660-65692-4 MSD
Matrix: Water
Analysis Batch: 115441

Client Sample ID: A3SB-DPT0003-10.0-20150302
Prep Type: Total/NA
Prep Batch: 115416

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	0.040	U Q	8.00	5.26		ug/L		66	25 - 118	0	39
Acenaphthylene	0.025	U Q	8.00	4.96		ug/L		62	19 - 110	1	43

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: 660-65692-4 MSD — **Client Sample ID: A3SB-DPT0003-10.0-20150302**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115441 — **Prep Batch: 115416**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Anthracene	0.040	U Q	8.00	5.06		ug/L		63	31 - 110	5	42
Benzo[a]anthracene	0.025	U Q	8.00	4.13		ug/L		52	37 - 122	4	23
Benzo[a]pyrene	0.025	U Q	8.00	2.47		ug/L		31	20 - 121	7	29
Benzo[b]fluoranthene	0.025	U Q J3	8.00	2.69		ug/L		34	27 - 131	3	29
Benzo[g,h,i]perylene	0.040	U Q J3	8.00	1.63		ug/L		20	10 - 137	6	39
Benzo[k]fluoranthene	0.025	U Q	8.00	2.62		ug/L		33	25 - 126	1	31
Chrysene	0.025	U Q	8.00	4.23		ug/L		53	39 - 124	3	26
Dibenz(a,h)anthracene	0.040	U Q J3	8.00	1.37		ug/L		17	10 - 131	6	41
Fluoranthene	0.025	U Q	8.00	5.42		ug/L		68	49 - 122	8	34
Fluorene	0.040	U Q	8.00	5.26		ug/L		66	29 - 126	4	43
Indeno[1,2,3-cd]pyrene	0.044	U Q J3	8.00	1.63		ug/L		20	10 - 133	7	38
1-Methylnaphthalene	0.040	U Q	8.00	5.28		ug/L		66	11 - 123	3	50
2-Methylnaphthalene	0.031	U Q	8.00	5.04		ug/L		63	16 - 121	4	50
Naphthalene	0.040	U Q	8.00	5.17		ug/L		65	10 - 132	4	50
Phenanthrene	0.040	U Q	8.00	5.19		ug/L		65	38 - 117	2	41
Pyrene	0.025	U Q	8.00	5.13		ug/L		64	43 - 122	4	33

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*59*		*40 - 114*

Method: FL-PRO - Florida - Petroleum Range Organics (GC)

Lab Sample ID: MB 640-115310/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115351 — **Prep Batch: 115310**

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C8-C40)	0.080	U	0.30	0.080	mg/L		03/05/15 16:00	03/06/15 22:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*99*		*82 - 142*	*03/05/15 16:00*	*03/06/15 22:08*	*1*
n-C39	*82*		*42 - 193*	*03/05/15 16:00*	*03/06/15 22:08*	*1*

Lab Sample ID: LCS 640-115310/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115351 — **Prep Batch: 115310**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Petroleum Hydrocarbons (C8-C40)	2.72	2.33		mg/L		86	55 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*99*		*82 - 142*
n-C39	*85*		*42 - 193*

Method: FL-PRO - Florida - Petroleum Range Organics (GC) (Continued)

Lab Sample ID: 640-50634-D-2-A MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115351 — **Prep Batch: 115310**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Petroleum Hydrocarbons (C8-C40)	0.075	U	2.57	2.29		mg/L		89	41 - 101		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*101*		*82 - 142*
n-C39	*92*		*42 - 193*

Lab Sample ID: 640-50634-K-2-A MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115351 — **Prep Batch: 115310**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Petroleum Hydrocarbons (C8-C40)	0.075	U	2.57	2.07		mg/L		81	41 - 101	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*91*		*82 - 142*
n-C39	*88*		*42 - 193*

GC/MS VOA

Analysis Batch: 156275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65692-1	A3SB-DPT0001-25.0-20150302	Total/NA	Water	8260B	
660-65692-2	A3SB-DPT0001-35.0-20150302	Total/NA	Water	8260B	
660-65692-3	A3SB-DPT0001-45.0-20150302	Total/NA	Water	8260B	
660-65692-4	A3SB-DPT0003-10.0-20150302	Total/NA	Water	8260B	
660-65692-5	A3SB-DPT0003-25.0-20150302	Total/NA	Water	8260B	
660-65692-6	A3SB-DPT0003-35.0-20150302	Total/NA	Water	8260B	
660-65692-7	A3SB-DPT0003-45.0-20150302	Total/NA	Water	8260B	
660-65692-8	TA3SB-TB01-20150302	Total/NA	Water	8260B	
660-65769-A-16 MS	Matrix Spike	Total/NA	Water	8260B	
660-65769-A-16 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 660-156275/4	Lab Control Sample	Total/NA	Water	8260B	
MB 660-156275/6	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 115337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-50652-A-8-A MS	Matrix Spike	Total/NA	Water	3520C	
640-50652-B-8-A MSD	Matrix Spike Duplicate	Total/NA	Water	3520C	
660-65692-4	A3SB-DPT0003-10.0-20150302	Total/NA	Water	3520C	
LCS 640-115337/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 640-115337/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 640-115337/1-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 115371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-50652-A-8-A MS	Matrix Spike	Total/NA	Water	8270D LL	115337
640-50652-B-8-A MSD	Matrix Spike Duplicate	Total/NA	Water	8270D LL	115337
660-65692-4	A3SB-DPT0003-10.0-20150302	Total/NA	Water	8270D LL	115337
LCS 640-115337/2-A	Lab Control Sample	Total/NA	Water	8270D LL	115337
LCSD 640-115337/3-A	Lab Control Sample Dup	Total/NA	Water	8270D LL	115337
MB 640-115337/1-A	Method Blank	Total/NA	Water	8270D LL	115337

Prep Batch: 115416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65692-4	A3SB-DPT0003-10.0-20150302	Total/NA	Water	3520C	
660-65692-4 MS	A3SB-DPT0003-10.0-20150302	Total/NA	Water	3520C	
660-65692-4 MSD	A3SB-DPT0003-10.0-20150302	Total/NA	Water	3520C	
LCS 640-115416/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 640-115416/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 640-115416/1-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 115441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65692-4	A3SB-DPT0003-10.0-20150302	Total/NA	Water	8270D LL	115416
660-65692-4 MS	A3SB-DPT0003-10.0-20150302	Total/NA	Water	8270D LL	115416
660-65692-4 MSD	A3SB-DPT0003-10.0-20150302	Total/NA	Water	8270D LL	115416
LCS 640-115416/2-A	Lab Control Sample	Total/NA	Water	8270D LL	115416
LCSD 640-115416/3-A	Lab Control Sample Dup	Total/NA	Water	8270D LL	115416
MB 640-115416/1-A	Method Blank	Total/NA	Water	8270D LL	115416

QC Association Summary

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

GC Semi VOA

Prep Batch: 115310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-50634-D-2-A MS	Matrix Spike	Total/NA	Water	3520C	
640-50634-K-2-A MSD	Matrix Spike Duplicate	Total/NA	Water	3520C	
660-65692-4	A3SB-DPT0003-10.0-20150302	Total/NA	Water	3520C	
LCS 640-115310/2-A	Lab Control Sample	Total/NA	Water	3520C	
MB 640-115310/1-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 115351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-50634-D-2-A MS	Matrix Spike	Total/NA	Water	FL-PRO	115310
640-50634-K-2-A MSD	Matrix Spike Duplicate	Total/NA	Water	FL-PRO	115310
LCS 640-115310/2-A	Lab Control Sample	Total/NA	Water	FL-PRO	115310
MB 640-115310/1-A	Method Blank	Total/NA	Water	FL-PRO	115310

Analysis Batch: 115364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65692-4	A3SB-DPT0003-10.0-20150302	Total/NA	Water	FL-PRO	115310

Lab Chronicle

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: A3SB-DPT0001-25.0-20150302 — Lab Sample ID: 660-65692-1

Date Collected: 03/02/15 09:15 — **Matrix: Water**
Date Received: 03/04/15 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	156275	03/11/15 15:25	ECC	TAL TAM

Client Sample ID: A3SB-DPT0001-35.0-20150302 — Lab Sample ID: 660-65692-2

Date Collected: 03/02/15 09:42 — **Matrix: Water**
Date Received: 03/04/15 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	156275	03/11/15 15:43	ECC	TAL TAM

Client Sample ID: A3SB-DPT0001-45.0-20150302 — Lab Sample ID: 660-65692-3

Date Collected: 03/02/15 10:06 — **Matrix: Water**
Date Received: 03/04/15 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	156275	03/11/15 16:01	ECC	TAL TAM

Client Sample ID: A3SB-DPT0003-10.0-20150302 — Lab Sample ID: 660-65692-4

Date Collected: 03/02/15 11:17 — **Matrix: Water**
Date Received: 03/04/15 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	156275	03/11/15 16:19	ECC	TAL TAM
Total/NA	Prep	3520C			260 mL	0.5 mL	115337	03/06/15 10:30	JCS	TAL TAL
Total/NA	Analysis	8270D LL		1	260 mL	0.5 mL	115371	03/09/15 18:07	JMF	TAL TAL
Total/NA	Prep	3520C			250 mL	0.5 mL	115416	03/10/15 17:00	JCS	TAL TAL
Total/NA	Analysis	8270D LL		1	250 mL	0.5 mL	115441	03/11/15 17:12	JMF	TAL TAL
Total/NA	Prep	3520C			1000 mL	2.0 mL	115310	03/05/15 16:00	JCS	TAL TAL
Total/NA	Analysis	FL-PRO		1	1000 mL	2.0 mL	115364	03/07/15 18:21	VHW	TAL TAL

Client Sample ID: A3SB-DPT0003-25.0-20150302 — Lab Sample ID: 660-65692-5

Date Collected: 03/02/15 11:48 — **Matrix: Water**
Date Received: 03/04/15 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	156275	03/11/15 16:38	ECC	TAL TAM

Client Sample ID: A3SB-DPT0003-35.0-20150302 — Lab Sample ID: 660-65692-6

Date Collected: 03/02/15 12:06 — **Matrix: Water**
Date Received: 03/04/15 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	156275	03/11/15 16:56	ECC	TAL TAM

Lab Chronicle

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Client Sample ID: A3SB-DPT0003-45.0-20150302

Lab Sample ID: 660-65692-7

Date Collected: 03/02/15 12:30
Matrix: Water
Date Received: 03/04/15 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	156275	03/11/15 17:14	ECC	TAL TAM

Client Sample ID: TA3SB-TB01-20150302

Lab Sample ID: 660-65692-8

Date Collected: 03/02/15 00:00
Matrix: Water
Date Received: 03/04/15 09:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	156275	03/11/15 15:07	ECC	TAL TAM

Laboratory References:

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-15

Laboratory: TestAmerica Tallahassee

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-15

Method Summary

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5087 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65692-1
SDG: T201410-4907-5087

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8270D LL	Semivolatile Organic Compounds by GC/MS - Low Level	SW846	TAL TAL
FL-PRO	Florida - Petroleum Range Organics (GC)	FL-DEP	TAL TAL

Protocol References:

FL-DEP = State Of Florida Department Of Environmental Protection, Florida Administrative Code.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

InoMedic HEALTH APPLICATIONS

Environmental Sample Chain of Custody

Kennedy Space Center, FL 32899

CONTACT: RAICHART, DENNIS at (321) 861-5220, Dennis.W.Raichart@nasa.gov

Task Number: T201410-4907 -5087 Task Definition: A3SB PRL 218 Confirmatory Sampli **Results Due: Monday, March 16, 2015**

Permit ID: Permit Definition:

Site ID: Charge String : MESC.05.15.4.06.03.A.NY2CSMPL Customer Date/Time:

Number of Containers	Type of Containers
2	1L Amber glass bottles (Preserved/HCl)
2	250 mL Glass jar(Unpreserved)
21	40 mL Glass vial (Preserved/HCl)
2	40 mL Glass vial (Trip Blank)
27	**Total Containers**

Mandate: (NA)

Comment

Please analyze the following groundwater sample for VOCs (8260), PAHs (8270LL) and TPH (FLPRO):
A3SB-DPT0003-10.0-20150302

Please analyze the following groundwater samples for VOCs (8260):
A3SB-DPT0001-25.0-20150302
A3SB-DPT0001-35.0-20150302
A3SB-DPT0001-45.0-20150302
A3SB-DPT0003-25.0-20150302
A3SB-DPT0003-35.0-20150302
A3SB-DPT0003-45.0-20150302

Loc: 660
65692

660-65692 Chain of Custody

Attachment: Sample Data and Parameter List

Custody

Sampler: BEATTY, AMANDA

Sample Date: 3/2/2015 Time: 9:15 AM

Sample Storage: Cool to 4 Deg. C

Signature: *NDC\abeatty* *3/2/2015 2:27:53 PM*

Concurred: MRDJENOVICH, TIM

Concur Date: 3/2/2015 Time: 2:54 PM

Concur Signature: *NDC\tmrdjeno* *3/2/2015 2:54:53 PM*

Courier: TESTAmerica

Date: 3/3/15 Time: 1250

Signature:

Laboratory: **TATL**

Date: 3/4/15 Time: 0920

Signature:

3.4|3.9 CU-09

InoMedic HEALTH APPLICATIONS

Environmental Sample Chain of Custody

Kennedy Space Center, FL 32899

CONTACT: RAICHART, DENNIS at (321) 861-5220, Dennis.W.Raichart@nasa.gov

Task Number: T201410-4907
Results Due: Monday, March 16, 2015

Sample ID	Date	Time	Matrix	Elevation	pH SU	CON umho/cm	DO mg/L	Cl2 mg/L	Cl2 TUT	Temp C	Turb NTU	Vol Air	Vol Liqd
A3SB-DPT0001-25.0-20150302	3/2/2015	9:15	Ground Water	0.00	7.19	756.00	0.73	0.00	0.00	22.75	917.00	0	0
A3SB-DPT0001-35.0-20150302	3/2/2015	9:42	Ground Water	0.00	7.23	1227.00	0.51	0.00	0.00	22.85	227.00	0	0
A3SB-DPT0001-45.0-20150302	3/2/2015	10:06	Ground Water	0.00	7.24	1829.00	0.26	0.00	0.00	22.95	769.00	0	0
A3SB-DPT0003-10.0-20150302	3/2/2015	11:17	Ground Water	0.00	7.29	665.00	0.13	0.00	0.00	21.44	371.00	0	0
A3SB-DPT0003-25.0-20150302	3/2/2015	11:48	Ground Water	0.00	7.15	1145.00	0.15	0.00	0.00	22.86	741.00	0	0
A3SB-DPT0003-35.0-20150302	3/2/2015	12:06	Ground Water	0.00	7.10	2451.00	0.07	0.00	0.00	22.86	716.00	0	0
A3SB-DPT0003-45.0-20150302	3/2/2015	12:30	Ground Water	0.00	7.12	3337.00	0.08	0.00	0.00	22.75	848.00	0	0

InoMedic HEALTH APPLICATIONS

Environmental Sample Chain of Custody

Kennedy Space Center, FL 32899

CONTACT: RAICHART, DENNIS at (321) 861-5220, Dennis.W.Raichart@nasa.gov

Login Sample Receipt Checklist

Client: InoMedic Health Applications Inc

Job Number: 660-65692-1
SDG Number: T201410-4907-5087

Login Number: 65692
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank not listed on COC.
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: InoMedic Health Applications Inc

Job Number: 660-65692-1
SDG Number: T201410-4907-5087

Login Number: 65692
List Number: 2
Creator: Gaskin, Jeremy P

List Source: TestAmerica Tallahassee
List Creation: 03/05/15 09:13 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-65727-1
TestAmerica Sample Delivery Group: T201410-4907-5095
Client Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

For:
InoMedic Health Applications Inc
IHA-022 Bldg L7-1557
Kennedy Space Center, Florida 32899

Attn: Mr. Dennis Raichart

Authorized for release by:
3/19/2015 4:18:32 PM

Jess Hornsby, Project Manager I
(813)885-7427
jess.hornsby@testamericainc.com

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Sample Summary

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-65727-1	A3SB-DPT0002-10.0-20150303	Water	03/03/15 08:45	03/05/15 08:40
660-65727-2	A3SB-DPT0002-25.0-20150303	Water	03/03/15 09:52	03/05/15 08:40
660-65727-3	A3SB-DPT0002-35.0-20150303	Water	03/03/15 10:16	03/05/15 08:40
660-65727-4	A3SB-DPT0002-45.0-20150303	Water	03/03/15 10:40	03/05/15 08:40
660-65727-5	A3SB-EB01-20150303	Water	03/03/15 09:20	03/05/15 08:40
660-65727-6	A3SB-FD01-20150303	Solid	03/03/15 12:30	03/05/15 08:40
660-65727-7	A3SB-FD02-20150303	Water	03/03/15 09:00	03/05/15 08:40
660-65727-8	A3SB-SB0001-000.5-20150303	Solid	03/03/15 12:30	03/05/15 08:40
660-65727-9	A3SB-TB01-20150303	Water	03/03/15 00:00	03/05/15 08:40

Detection Summary

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-DPT0002-10.0-20150303 — Lab Sample ID: 660-65727-1

No Detections.

Client Sample ID: A3SB-DPT0002-25.0-20150303 — Lab Sample ID: 660-65727-2

No Detections.

Client Sample ID: A3SB-DPT0002-35.0-20150303 — Lab Sample ID: 660-65727-3

No Detections.

Client Sample ID: A3SB-DPT0002-45.0-20150303 — Lab Sample ID: 660-65727-4

No Detections.

Client Sample ID: A3SB-EB01-20150303 — Lab Sample ID: 660-65727-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	37		20	9.9	ug/L	1		8260B	Total/NA

Client Sample ID: A3SB-FD01-20150303 — Lab Sample ID: 660-65727-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	0.066	I V	0.38	0.035	mg/Kg	5	☼	8270D LL	Total/NA
Total Petroleum Hydrocarbons (C8-C40)	15		11	2.9	mg/Kg	1	☼	FL-PRO	Total/NA
Arsenic	0.49		0.26	0.11	mg/Kg	1	☼	6020	Total/NA
Barium	8.6		0.53	0.14	mg/Kg	1	☼	6020	Total/NA
Beryllium	0.061		0.053	0.026	mg/Kg	1	☼	6020	Total/NA
Cadmium	0.018	I	0.053	0.013	mg/Kg	1	☼	6020	Total/NA
Chromium	2.5		0.53	0.26	mg/Kg	1	☼	6020	Total/NA
Copper	0.39	I	0.53	0.21	mg/Kg	1	☼	6020	Total/NA
Lead	1.8		0.21	0.11	mg/Kg	1	☼	6020	Total/NA
Nickel	0.71		0.53	0.26	mg/Kg	1	☼	6020	Total/NA
Zinc	2.9		2.1	0.58	mg/Kg	1	☼	6020	Total/NA
pH	8.58				SU	1		9045C	Soluble
Temperature	20.5				Degrees C	1		9045C	Soluble

Client Sample ID: A3SB-FD02-20150303 — Lab Sample ID: 660-65727-7

No Detections.

Client Sample ID: A3SB-SB0001-000.5-20150303 — Lab Sample ID: 660-65727-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzoic acid	0.22	I	0.99	0.12	mg/Kg	5	☼	8270D LL	Total/NA
Bis(2-ethylhexyl) phthalate	0.083	I V	0.38	0.035	mg/Kg	5	☼	8270D LL	Total/NA
Total Petroleum Hydrocarbons (C8-C40)	80		11	2.9	mg/Kg	1	☼	FL-PRO	Total/NA
Arsenic	0.58		0.25	0.10	mg/Kg	1	☼	6020	Total/NA
Barium	9.4		0.51	0.13	mg/Kg	1	☼	6020	Total/NA
Beryllium	0.072		0.051	0.025	mg/Kg	1	☼	6020	Total/NA
Cadmium	0.021	I	0.051	0.012	mg/Kg	1	☼	6020	Total/NA
Chromium	2.6		0.51	0.25	mg/Kg	1	☼	6020	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: A3SB-SB0001-000.5-20150303 (Continued)

Lab Sample ID: 660-65727-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.31	I	0.51	0.20	mg/Kg	1	☼	6020	Total/NA
Lead	1.3		0.20	0.10	mg/Kg	1	☼	6020	Total/NA
Nickel	0.69		0.51	0.25	mg/Kg	1	☼	6020	Total/NA
Thallium	0.028	I	0.10	0.025	mg/Kg	1	☼	6020	Total/NA
Zinc	1.9	I	2.0	0.56	mg/Kg	1	☼	6020	Total/NA
pH	8.60				SU	1		9045C	Soluble
Temperature	19.8				Degrees C	1		9045C	Soluble

Client Sample ID: A3SB-TB01-20150303

Lab Sample ID: 660-65727-9

No Detections.

This Detection Summary does not include radiochemical test results.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

GC/MS Semi VOA

Qualifier	Qualifier Description
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
V	Indicates that the analyte was detected at or above the method detection limit in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.

GC Semi VOA

Qualifier	Qualifier Description
J1	Estimated value; value may not be accurate. Surrogate recovery outside of criteria.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 660-65727-1

Laboratory: TestAmerica Tampa

Narrative

Receipt
The samples were received on 3/5/2015 8:40 AM; the samples arrived in good condition, properly preserved and on ice. The temperatures of the two coolers at receipt time were 4.3ºC and 4.7ºC.

GC/MS VOA
Method 8260B: There is no matrix spike sample associated with the following samples due to instrument error: A3SB-DPT0002-10.0-20150303 (660-65727-1), A3SB-DPT0002-25.0-20150303 (660-65727-2) . Batch 156346.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D LL: Several analytes recovered outside control limits for the laboratory control sample / laboratory control sample duplicate (LCS/LCSD) associated with batch 640-115358. These analytes were indicative of a systematic problem; therefore, re-extraction was performed.

Method 8270D LL: The matrix spike duplicate (MSD) recoveries for 640-115358 were outside control limits. Non-homogeneity is suspected.

Method 8270D LL: The matrix spike / matrix spike duplicate (MS/MSD) precision for 640-115358 was outside control limits. Sample non-homogeneity is suspected.

Method 8270D LL: Several analytes recovered outside control limits for the laboratory control sample duplicate (LCSD) associated with batch 640-115416. These analytes were outside the Marginal Exceedance Limits and indicative of a systematic problem; therefore, re-extraction was performed where sample volume permitted.

Method 8270D LL: The following samples were diluted due to the nature of the sample matrix: (660-65727-6 MS), (660-65727-6 MSD), A3SB-FD01-20150303 (660-65727-6), A3SB-SB0001-000.5-20150303 (660-65727-8). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method FL-PRO: The following samples required a dilution due to the nature of the sample matrix: (640-50692-1 MS), (640-50692-1 MSD), North Pond-Thur (640-50692-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method FL-PRO: Due to the high concentration of C8-C40, the matrix spike / matrix spike duplicate 640-50692-1(MS/MSD) for batch 115446 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-DPT0002-10.0-20150303
Date Collected: 03/03/15 08:45
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/13/15 15:59	1
Benzene	0.50	U	1.0	0.50	ug/L			03/13/15 15:59	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/13/15 15:59	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/13/15 15:59	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/13/15 15:59	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/13/15 15:59	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/13/15 15:59	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/13/15 15:59	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/13/15 15:59	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/13/15 15:59	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/13/15 15:59	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/13/15 15:59	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/13/15 15:59	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/13/15 15:59	1
Cyclohexane	0.83	U	5.0	0.83	ug/L			03/13/15 15:59	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/13/15 15:59	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/13/15 15:59	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/13/15 15:59	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/13/15 15:59	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/13/15 15:59	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/13/15 15:59	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/13/15 15:59	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/13/15 15:59	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/13/15 15:59	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/13/15 15:59	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/13/15 15:59	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/13/15 15:59	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/13/15 15:59	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/13/15 15:59	1
Methyl acetate	2.3	U	5.0	2.3	ug/L			03/13/15 15:59	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/13/15 15:59	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/13/15 15:59	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/13/15 15:59	1
Styrene	0.98	U	2.0	0.98	ug/L			03/13/15 15:59	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/13/15 15:59	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/13/15 15:59	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/13/15 15:59	1
Toluene	0.51	U	1.0	0.51	ug/L			03/13/15 15:59	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/13/15 15:59	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/13/15 15:59	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/13/15 15:59	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/13/15 15:59	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/13/15 15:59	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/13/15 15:59	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/13/15 15:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	1.0	0.63	ug/L			03/13/15 15:59	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/13/15 15:59	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			03/13/15 15:59	1

Client Sample ID: A3SB-DPT0002-10.0-20150303
Date Collected: 03/03/15 08:45
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*103*		*70 - 130*		*03/13/15 15:59*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*03/13/15 15:59*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/13/15 15:59*	*1*

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.038	U	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:09	1
Acenaphthene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 17:50	1
Acenaphthylene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:09	1
Acenaphthylene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 17:50	1
Anthracene	0.038	U	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:09	1
Anthracene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 17:50	1
Benzo[a]anthracene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:09	1
Benzo[a]anthracene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 17:50	1
Benzo[a]pyrene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:09	1
Benzo[a]pyrene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 17:50	1
Benzo[b]fluoranthene	0.024	U	0.096	0.024	ug/L		03/06/15 17:00	03/09/15 22:09	1
Benzo[b]fluoranthene	0.025	U J3	0.10	0.025	ug/L		03/10/15 17:00	03/11/15 17:50	1
Benzo[g,h,i]perylene	0.038	U J3	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:09	1
Benzo[g,h,i]perylene	0.040	U J3	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 17:50	1
Benzo[k]fluoranthene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:09	1
Benzo[k]fluoranthene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 17:50	1
Chrysene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:09	1
Chrysene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 17:50	1
Dibenz(a,h)anthracene	0.038	U J3	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:09	1
Dibenz(a,h)anthracene	0.040	U J3	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 17:50	1
Fluoranthene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:09	1
Fluoranthene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 17:50	1
Fluorene	0.038	U	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:09	1
Fluorene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 17:50	1
Indeno[1,2,3-cd]pyrene	0.042	U	0.19	0.042	ug/L		03/06/15 17:00	03/09/15 22:09	1
Indeno[1,2,3-cd]pyrene	0.044	U J3	0.20	0.044	ug/L		03/10/15 17:00	03/11/15 17:50	1
1-Methylnaphthalene	0.038	U	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:09	1
1-Methylnaphthalene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 17:50	1
2-Methylnaphthalene	0.030	U	0.19	0.030	ug/L		03/06/15 17:00	03/09/15 22:09	1
2-Methylnaphthalene	0.031	U	0.20	0.031	ug/L		03/10/15 17:00	03/11/15 17:50	1
Naphthalene	0.038	U	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:09	1
Naphthalene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 17:50	1
Phenanthrene	0.038	U	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:09	1
Phenanthrene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 17:50	1
Pyrene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:09	1
Pyrene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 17:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*78*		*40 - 114*	*03/06/15 17:00*	*03/09/15 22:09*	*1*
o-Terphenyl	*55*		*40 - 114*	*03/10/15 17:00*	*03/11/15 17:50*	*1*

Method: FL-PRO - Florida - Petroleum Range Organics (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C8-C40)	0.075	U	0.28	0.075	mg/L		03/08/15 23:45	03/11/15 19:35	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-DPT0002-10.0-20150303
Date Collected: 03/03/15 08:45
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	93		82 - 142	03/08/15 23:45	03/11/15 19:35	1
n-C39	95		42 - 193	03/08/15 23:45	03/11/15 19:35	1

Client Sample ID: A3SB-DPT0002-25.0-20150303
Date Collected: 03/03/15 09:52
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/13/15 16:18	1
Benzene	0.50	U	1.0	0.50	ug/L			03/13/15 16:18	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/13/15 16:18	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/13/15 16:18	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/13/15 16:18	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/13/15 16:18	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/13/15 16:18	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/13/15 16:18	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/13/15 16:18	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/13/15 16:18	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/13/15 16:18	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/13/15 16:18	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/13/15 16:18	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/13/15 16:18	1
Cyclohexane	0.83	U	5.0	0.83	ug/L			03/13/15 16:18	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/13/15 16:18	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/13/15 16:18	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/13/15 16:18	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/13/15 16:18	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/13/15 16:18	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/13/15 16:18	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/13/15 16:18	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/13/15 16:18	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/13/15 16:18	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/13/15 16:18	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/13/15 16:18	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/13/15 16:18	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/13/15 16:18	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/13/15 16:18	1
Methyl acetate	2.3	U	5.0	2.3	ug/L			03/13/15 16:18	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/13/15 16:18	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/13/15 16:18	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/13/15 16:18	1
Styrene	0.98	U	2.0	0.98	ug/L			03/13/15 16:18	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/13/15 16:18	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/13/15 16:18	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/13/15 16:18	1
Toluene	0.51	U	1.0	0.51	ug/L			03/13/15 16:18	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/13/15 16:18	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/13/15 16:18	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/13/15 16:18	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/13/15 16:18	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/13/15 16:18	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/13/15 16:18	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/13/15 16:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	1.0	0.63	ug/L			03/13/15 16:18	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/13/15 16:18	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			03/13/15 16:18	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-DPT0002-25.0-20150303
Date Collected: 03/03/15 09:52
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130		03/13/15 16:18	1
Dibromofluoromethane	107		70 - 130		03/13/15 16:18	1
Toluene-d8 (Surr)	99		70 - 130		03/13/15 16:18	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-DPT0002-35.0-20150303
Date Collected: 03/03/15 10:16
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/14/15 12:50	1
Benzene	0.50	U	1.0	0.50	ug/L			03/14/15 12:50	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/14/15 12:50	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/14/15 12:50	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/14/15 12:50	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/14/15 12:50	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/14/15 12:50	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/14/15 12:50	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/14/15 12:50	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/14/15 12:50	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/14/15 12:50	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/14/15 12:50	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/14/15 12:50	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/14/15 12:50	1
Cyclohexane	0.83	U	5.0	0.83	ug/L			03/14/15 12:50	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/14/15 12:50	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/14/15 12:50	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/14/15 12:50	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/14/15 12:50	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/14/15 12:50	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/14/15 12:50	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/14/15 12:50	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/14/15 12:50	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/14/15 12:50	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/14/15 12:50	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/14/15 12:50	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/14/15 12:50	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/14/15 12:50	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/14/15 12:50	1
Methyl acetate	2.3	U	5.0	2.3	ug/L			03/14/15 12:50	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/14/15 12:50	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/14/15 12:50	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/14/15 12:50	1
Styrene	0.98	U	2.0	0.98	ug/L			03/14/15 12:50	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/14/15 12:50	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/14/15 12:50	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/14/15 12:50	1
Toluene	0.51	U	1.0	0.51	ug/L			03/14/15 12:50	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/14/15 12:50	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/14/15 12:50	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/14/15 12:50	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/14/15 12:50	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/14/15 12:50	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/14/15 12:50	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/14/15 12:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	1.0	0.63	ug/L			03/14/15 12:50	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/14/15 12:50	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			03/14/15 12:50	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-DPT0002-35.0-20150303
Date Collected: 03/03/15 10:16
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130		03/14/15 12:50	1
Dibromofluoromethane	106		70 - 130		03/14/15 12:50	1
Toluene-d8 (Surr)	106		70 - 130		03/14/15 12:50	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-DPT0002-45.0-20150303
Date Collected: 03/03/15 10:40
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/14/15 13:08	1
Benzene	0.50	U	1.0	0.50	ug/L			03/14/15 13:08	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/14/15 13:08	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/14/15 13:08	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/14/15 13:08	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/14/15 13:08	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/14/15 13:08	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/14/15 13:08	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/14/15 13:08	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/14/15 13:08	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/14/15 13:08	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/14/15 13:08	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/14/15 13:08	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/14/15 13:08	1
Cyclohexane	0.83	U J3	5.0	0.83	ug/L			03/14/15 13:08	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/14/15 13:08	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/14/15 13:08	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/14/15 13:08	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/14/15 13:08	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/14/15 13:08	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/14/15 13:08	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/14/15 13:08	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/14/15 13:08	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/14/15 13:08	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/14/15 13:08	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/14/15 13:08	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/14/15 13:08	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/14/15 13:08	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/14/15 13:08	1
Methyl acetate	2.3	U	5.0	2.3	ug/L			03/14/15 13:08	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/14/15 13:08	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/14/15 13:08	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/14/15 13:08	1
Styrene	0.98	U J3	2.0	0.98	ug/L			03/14/15 13:08	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/14/15 13:08	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/14/15 13:08	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/14/15 13:08	1
Toluene	0.51	U	1.0	0.51	ug/L			03/14/15 13:08	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/14/15 13:08	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/14/15 13:08	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/14/15 13:08	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/14/15 13:08	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/14/15 13:08	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/14/15 13:08	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/14/15 13:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	1.0	0.63	ug/L			03/14/15 13:08	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/14/15 13:08	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			03/14/15 13:08	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-DPT0002-45.0-20150303
Date Collected: 03/03/15 10:40
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		70 - 130		03/14/15 13:08	1
Dibromofluoromethane	108		70 - 130		03/14/15 13:08	1
Toluene-d8 (Surr)	106		70 - 130		03/14/15 13:08	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-EB01-20150303
Date Collected: 03/03/15 09:20
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	37		20	9.9	ug/L			03/14/15 14:30	1
Benzene	0.50	U	1.0	0.50	ug/L			03/14/15 14:30	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/14/15 14:30	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/14/15 14:30	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/14/15 14:30	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/14/15 14:30	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/14/15 14:30	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/14/15 14:30	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/14/15 14:30	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/14/15 14:30	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/14/15 14:30	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/14/15 14:30	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/14/15 14:30	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/14/15 14:30	1
Cyclohexane	0.83	U	5.0	0.83	ug/L			03/14/15 14:30	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/14/15 14:30	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/14/15 14:30	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/14/15 14:30	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/14/15 14:30	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/14/15 14:30	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/14/15 14:30	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/14/15 14:30	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/14/15 14:30	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/14/15 14:30	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/14/15 14:30	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/14/15 14:30	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/14/15 14:30	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/14/15 14:30	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/14/15 14:30	1
Methyl acetate	2.3	U	5.0	2.3	ug/L			03/14/15 14:30	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/14/15 14:30	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/14/15 14:30	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/14/15 14:30	1
Styrene	0.98	U	2.0	0.98	ug/L			03/14/15 14:30	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/14/15 14:30	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/14/15 14:30	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/14/15 14:30	1
Toluene	0.51	U	1.0	0.51	ug/L			03/14/15 14:30	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/14/15 14:30	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/14/15 14:30	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/14/15 14:30	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/14/15 14:30	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/14/15 14:30	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/14/15 14:30	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/14/15 14:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	1.0	0.63	ug/L			03/14/15 14:30	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/14/15 14:30	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			03/14/15 14:30	1

Client Sample ID: A3SB-EB01-20150303
Date Collected: 03/03/15 09:20
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*100*		*70 - 130*		*03/14/15 14:30*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*03/14/15 14:30*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*03/14/15 14:30*	*1*

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.038	U	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:28	1
Acenaphthene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 18:08	1
Acenaphthylene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:28	1
Acenaphthylene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 18:08	1
Anthracene	0.038	U	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:28	1
Anthracene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 18:08	1
Benzo[a]anthracene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:28	1
Benzo[a]anthracene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 18:08	1
Benzo[a]pyrene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:28	1
Benzo[a]pyrene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 18:08	1
Benzo[b]fluoranthene	0.024	U	0.096	0.024	ug/L		03/06/15 17:00	03/09/15 22:28	1
Benzo[b]fluoranthene	0.025	U J3	0.10	0.025	ug/L		03/10/15 17:00	03/11/15 18:08	1
Benzo[g,h,i]perylene	0.038	U J3	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:28	1
Benzo[g,h,i]perylene	0.040	U J3	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 18:08	1
Benzo[k]fluoranthene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:28	1
Benzo[k]fluoranthene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 18:08	1
Chrysene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:28	1
Chrysene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 18:08	1
Dibenz(a,h)anthracene	0.038	U J3	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:28	1
Dibenz(a,h)anthracene	0.040	U J3	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 18:08	1
Fluoranthene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:28	1
Fluoranthene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 18:08	1
Fluorene	0.038	U	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:28	1
Fluorene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 18:08	1
Indeno[1,2,3-cd]pyrene	0.042	U	0.19	0.042	ug/L		03/06/15 17:00	03/09/15 22:28	1
Indeno[1,2,3-cd]pyrene	0.044	U J3	0.20	0.044	ug/L		03/10/15 17:00	03/11/15 18:08	1
1-Methylnaphthalene	0.038	U	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:28	1
1-Methylnaphthalene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 18:08	1
2-Methylnaphthalene	0.030	U	0.19	0.030	ug/L		03/06/15 17:00	03/09/15 22:28	1
2-Methylnaphthalene	0.031	U	0.20	0.031	ug/L		03/10/15 17:00	03/11/15 18:08	1
Naphthalene	0.038	U	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:28	1
Naphthalene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 18:08	1
Phenanthrene	0.038	U	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:28	1
Phenanthrene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 18:08	1
Pyrene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:28	1
Pyrene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*68*		*40 - 114*	*03/06/15 17:00*	*03/09/15 22:28*	*1*
o-Terphenyl	*42*		*40 - 114*	*03/10/15 17:00*	*03/11/15 18:08*	*1*

Method: FL-PRO - Florida - Petroleum Range Organics (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C8-C40)	0.075	U	0.28	0.075	mg/L		03/08/15 23:45	03/11/15 19:48	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-EB01-20150303
Date Collected: 03/03/15 09:20
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	94		82 - 142	03/08/15 23:45	03/11/15 19:48	1
n-C39	99		42 - 193	03/08/15 23:45	03/11/15 19:48	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-FD01-20150303
Date Collected: 03/03/15 12:30
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-6
Matrix: Solid
Percent Solids: 86.6

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Acenaphthylene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Anthracene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Benzo[a]anthracene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Benzo[a]pyrene	0.0069	U	0.039	0.0069	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Benzo[b]fluoranthene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Benzo[g,h,i]perylene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Benzoic acid	0.12	U J3	0.98	0.12	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Benzo[k]fluoranthene	0.012	U	0.039	0.012	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Benzyl alcohol	0.035	U	0.19	0.035	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Bis(2-chloroethoxy)methane	0.037	U	0.19	0.037	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Bis(2-chloroethyl)ether	0.037	U	0.19	0.037	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Bis(2-ethylhexyl) phthalate	**0.066**	**I V**	0.38	0.035	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
4-Bromophenyl phenyl ether	0.040	U	0.19	0.040	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Butyl benzyl phthalate	0.032	U	0.19	0.032	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
4-Chloroaniline	0.030	U	0.38	0.030	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
4-Chloro-3-methylphenol	0.040	U	0.19	0.040	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
2-Chloronaphthalene	0.035	U	0.19	0.035	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
2-Chlorophenol	0.031	U	0.19	0.031	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
4-Chlorophenyl phenyl ether	0.037	U	0.19	0.037	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Chrysene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Dibenz(a,h)anthracene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Dibenzofuran	0.039	U	0.19	0.039	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
1,2-Dichlorobenzene	0.050	U	0.19	0.050	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
1,3-Dichlorobenzene	0.032	U	0.19	0.032	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
1,4-Dichlorobenzene	0.030	U	0.19	0.030	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
3,3'-Dichlorobenzidine	0.098	U J3	0.38	0.098	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
2,4-Dichlorophenol	0.042	U	0.19	0.042	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Diethyl phthalate	0.043	U	0.19	0.043	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
2,4-Dimethylphenol	0.044	U	0.38	0.044	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Dimethyl phthalate	0.043	U	0.19	0.043	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Di-n-butyl phthalate	0.098	U	0.98	0.098	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
4,6-Dinitro-2-methylphenol	0.098	U	0.98	0.098	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
2,4-Dinitrophenol	0.75	U J3	1.9	0.75	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
2,4-Dinitrotoluene	0.043	U	0.19	0.043	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
2,6-Dinitrotoluene	0.046	U	0.19	0.046	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Di-n-octyl phthalate	0.021	U	0.19	0.021	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Fluoranthene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Fluorene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Hexachlorobenzene	0.044	U	0.19	0.044	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Hexachlorobutadiene	0.039	U	0.19	0.039	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Hexachlorocyclopentadiene	0.021	U J3	0.38	0.021	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Hexachloroethane	0.033	U	0.19	0.033	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Indeno[1,2,3-cd]pyrene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Isophorone	0.040	U	0.19	0.040	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
1-Methylnaphthalene	0.018	U	0.039	0.018	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
2-Methylnaphthalene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
2-Methylphenol	0.036	U	0.19	0.036	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
3 & 4 Methylphenol	0.042	U	0.19	0.042	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5

Client Sample ID: A3SB-FD01-20150303
Date Collected: 03/03/15 12:30
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-6
Matrix: Solid
Percent Solids: 86.6

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
2-Nitroaniline	0.040	U	0.98	0.040	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
3-Nitroaniline	0.039	U	0.98	0.039	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
4-Nitroaniline	0.048	U	0.98	0.048	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Nitrobenzene	0.038	U	0.19	0.038	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
2-Nitrophenol	0.033	U	0.19	0.033	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
4-Nitrophenol	0.42	U	0.98	0.42	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
N-Nitrosodimethylamine	0.11	U	0.19	0.11	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
N-Nitrosodi-n-propylamine	0.043	U	0.19	0.043	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
N-Nitrosodiphenylamine	0.035	U	0.19	0.035	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
2,2'-oxybis[1-chloropropane]	0.042	U	0.19	0.042	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Pentachlorophenol	0.39	U	0.98	0.39	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Phenanthrene	0.014	U	0.039	0.014	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Phenol	0.037	U	0.19	0.037	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
Pyrene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
1,2,4-Trichlorobenzene	0.027	U	0.19	0.027	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
2,4,5-Trichlorophenol	0.044	U	0.19	0.044	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5
2,4,6-Trichlorophenol	0.046	U	0.19	0.046	mg/Kg	☼	03/09/15 10:58	03/12/15 18:27	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*98*		*11 - 130*	*03/09/15 10:58*	*03/12/15 18:27*	*5*
2-Fluorophenol	*84*		*10 - 130*	*03/09/15 10:58*	*03/12/15 18:27*	*5*
Nitrobenzene-d5	*80*		*18 - 130*	*03/09/15 10:58*	*03/12/15 18:27*	*5*
Phenol-d5	*84*		*10 - 130*	*03/09/15 10:58*	*03/12/15 18:27*	*5*
Terphenyl-d14	*96*		*27 - 130*	*03/09/15 10:58*	*03/12/15 18:27*	*5*
2,4,6-Tribromophenol	*104*		*24 - 130*	*03/09/15 10:58*	*03/12/15 18:27*	*5*

Method: FL-PRO - Florida - Petroleum Range Organics (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C8-C40)	**15**		11	2.9	mg/Kg	☼	03/06/15 14:55	03/10/15 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*80*		*62 - 109*	*03/06/15 14:55*	*03/10/15 18:58*	*1*
n-C39	*82*		*60 - 118*	*03/06/15 14:55*	*03/10/15 18:58*	*1*

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.53	U J3	1.1	0.53	mg/Kg	☼	03/09/15 13:40	03/09/15 21:07	1
Arsenic	**0.49**		0.26	0.11	mg/Kg	☼	03/09/15 13:40	03/09/15 21:07	1
Barium	**8.6**		0.53	0.14	mg/Kg	☼	03/09/15 13:40	03/09/15 21:07	1
Beryllium	**0.061**		0.053	0.026	mg/Kg	☼	03/09/15 13:40	03/09/15 21:07	1
Cadmium	**0.018**	I	0.053	0.013	mg/Kg	☼	03/09/15 13:40	03/09/15 21:07	1
Chromium	**2.5**		0.53	0.26	mg/Kg	☼	03/09/15 13:40	03/09/15 21:07	1
Copper	**0.39**	I	0.53	0.21	mg/Kg	☼	03/09/15 13:40	03/09/15 21:07	1
Lead	**1.8**		0.21	0.11	mg/Kg	☼	03/09/15 13:40	03/09/15 21:07	1
Nickel	**0.71**		0.53	0.26	mg/Kg	☼	03/09/15 13:40	03/09/15 21:07	1
Selenium	0.26	U	0.53	0.26	mg/Kg	☼	03/09/15 13:40	03/09/15 21:07	1
Silver	0.053	U	0.11	0.053	mg/Kg	☼	03/09/15 13:40	03/09/15 21:07	1
Thallium	0.026	U	0.11	0.026	mg/Kg	☼	03/09/15 13:40	03/09/15 21:07	1
Zinc	**2.9**		2.1	0.58	mg/Kg	☼	03/09/15 13:40	03/09/15 21:07	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-FD01-20150303
Date Collected: 03/03/15 12:30
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-6
Matrix: Solid
Percent Solids: 86.6

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	U	0.031	0.013	mg/Kg	☼	03/11/15 15:30	03/11/15 18:21	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	87		0.10	0.10	%			03/06/15 05:39	1
Percent Moisture	13		0.10	0.10	%			03/06/15 05:39	1

General Chemistry - Soluble

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.58				SU			03/09/15 06:50	1
Temperature	20.5				Degrees C			03/09/15 06:50	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-FD02-20150303
Date Collected: 03/03/15 09:00
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/14/15 15:07	1
Benzene	0.50	U	1.0	0.50	ug/L			03/14/15 15:07	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/14/15 15:07	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/14/15 15:07	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/14/15 15:07	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/14/15 15:07	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/14/15 15:07	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/14/15 15:07	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/14/15 15:07	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/14/15 15:07	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/14/15 15:07	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/14/15 15:07	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/14/15 15:07	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/14/15 15:07	1
Cyclohexane	0.83	U	5.0	0.83	ug/L			03/14/15 15:07	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/14/15 15:07	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/14/15 15:07	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/14/15 15:07	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/14/15 15:07	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/14/15 15:07	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/14/15 15:07	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/14/15 15:07	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/14/15 15:07	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/14/15 15:07	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/14/15 15:07	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/14/15 15:07	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/14/15 15:07	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/14/15 15:07	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/14/15 15:07	1
Methyl acetate	2.3	U	5.0	2.3	ug/L			03/14/15 15:07	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/14/15 15:07	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/14/15 15:07	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/14/15 15:07	1
Styrene	0.98	U	2.0	0.98	ug/L			03/14/15 15:07	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/14/15 15:07	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/14/15 15:07	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/14/15 15:07	1
Toluene	0.51	U	1.0	0.51	ug/L			03/14/15 15:07	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/14/15 15:07	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/14/15 15:07	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/14/15 15:07	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/14/15 15:07	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/14/15 15:07	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/14/15 15:07	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/14/15 15:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	1.0	0.63	ug/L			03/14/15 15:07	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/14/15 15:07	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			03/14/15 15:07	1

Client Sample ID: A3SB-FD02-20150303
Date Collected: 03/03/15 09:00
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		70 - 130		03/14/15 15:07	1
Dibromofluoromethane	117		70 - 130		03/14/15 15:07	1
Toluene-d8 (Surr)	105		70 - 130		03/14/15 15:07	1

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.038	U	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:47	1
Acenaphthene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 18:27	1
Acenaphthylene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:47	1
Acenaphthylene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 18:27	1
Anthracene	0.038	U	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:47	1
Anthracene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 18:27	1
Benzo[a]anthracene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:47	1
Benzo[a]anthracene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 18:27	1
Benzo[a]pyrene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:47	1
Benzo[a]pyrene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 18:27	1
Benzo[b]fluoranthene	0.024	U	0.096	0.024	ug/L		03/06/15 17:00	03/09/15 22:47	1
Benzo[b]fluoranthene	0.025	U J3	0.10	0.025	ug/L		03/10/15 17:00	03/11/15 18:27	1
Benzo[g,h,i]perylene	0.038	U J3	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:47	1
Benzo[g,h,i]perylene	0.040	U J3	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 18:27	1
Benzo[k]fluoranthene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:47	1
Benzo[k]fluoranthene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 18:27	1
Chrysene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:47	1
Chrysene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 18:27	1
Dibenz(a,h)anthracene	0.038	U J3	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:47	1
Dibenz(a,h)anthracene	0.040	U J3	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 18:27	1
Fluoranthene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:47	1
Fluoranthene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 18:27	1
Fluorene	0.038	U	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:47	1
Fluorene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 18:27	1
Indeno[1,2,3-cd]pyrene	0.042	U	0.19	0.042	ug/L		03/06/15 17:00	03/09/15 22:47	1
Indeno[1,2,3-cd]pyrene	0.044	U J3	0.20	0.044	ug/L		03/10/15 17:00	03/11/15 18:27	1
1-Methylnaphthalene	0.038	U	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:47	1
1-Methylnaphthalene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 18:27	1
2-Methylnaphthalene	0.030	U	0.19	0.030	ug/L		03/06/15 17:00	03/09/15 22:47	1
2-Methylnaphthalene	0.031	U	0.20	0.031	ug/L		03/10/15 17:00	03/11/15 18:27	1
Naphthalene	0.038	U	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:47	1
Naphthalene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 18:27	1
Phenanthrene	0.038	U	0.19	0.038	ug/L		03/06/15 17:00	03/09/15 22:47	1
Phenanthrene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 18:27	1
Pyrene	0.024	U	0.19	0.024	ug/L		03/06/15 17:00	03/09/15 22:47	1
Pyrene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	68		40 - 114	03/06/15 17:00	03/09/15 22:47	1
o-Terphenyl	57		40 - 114	03/10/15 17:00	03/11/15 18:27	1

Method: FL-PRO - Florida - Petroleum Range Organics (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C8-C40)	0.075	U	0.28	0.075	mg/L		03/08/15 23:45	03/11/15 20:02	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-FD02-20150303
Date Collected: 03/03/15 09:00
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	109		82 - 142	03/08/15 23:45	03/11/15 20:02	1
n-C39	108		42 - 193	03/08/15 23:45	03/11/15 20:02	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-SB0001-000.5-20150303
Date Collected: 03/03/15 12:30
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-8
Matrix: Solid
Percent Solids: 86.0

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Acenaphthylene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Anthracene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Benzo[a]anthracene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Benzo[a]pyrene	0.0070	U	0.039	0.0070	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Benzo[b]fluoranthene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Benzo[g,h,i]perylene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Benzoic acid	**0.22**	**I**	0.99	0.12	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Benzo[k]fluoranthene	0.012	U	0.039	0.012	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Benzyl alcohol	0.035	U	0.19	0.035	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Bis(2-chloroethoxy)methane	0.038	U	0.19	0.038	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Bis(2-chloroethyl)ether	0.038	U	0.19	0.038	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Bis(2-ethylhexyl) phthalate	**0.083**	**I V**	0.38	0.035	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
4-Bromophenyl phenyl ether	0.040	U	0.19	0.040	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Butyl benzyl phthalate	0.032	U	0.19	0.032	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
4-Chloroaniline	0.030	U	0.38	0.030	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
4-Chloro-3-methylphenol	0.041	U	0.19	0.041	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
2-Chloronaphthalene	0.035	U	0.19	0.035	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
2-Chlorophenol	0.031	U	0.19	0.031	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
4-Chlorophenyl phenyl ether	0.037	U	0.19	0.037	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Chrysene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Dibenz(a,h)anthracene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Dibenzofuran	0.039	U	0.19	0.039	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
1,2-Dichlorobenzene	0.050	U	0.19	0.050	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
1,3-Dichlorobenzene	0.033	U	0.19	0.033	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
1,4-Dichlorobenzene	0.030	U	0.19	0.030	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
3,3'-Dichlorobenzidine	0.099	U	0.38	0.099	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
2,4-Dichlorophenol	0.042	U	0.19	0.042	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Diethyl phthalate	0.043	U	0.19	0.043	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
2,4-Dimethylphenol	0.044	U	0.38	0.044	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Dimethyl phthalate	0.044	U	0.19	0.044	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Di-n-butyl phthalate	0.099	U	0.99	0.099	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
4,6-Dinitro-2-methylphenol	0.099	U	0.99	0.099	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
2,4-Dinitrophenol	0.76	U	1.9	0.76	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
2,4-Dinitrotoluene	0.044	U	0.19	0.044	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
2,6-Dinitrotoluene	0.046	U	0.19	0.046	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Di-n-octyl phthalate	0.021	U	0.19	0.021	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Fluoranthene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Fluorene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Hexachlorobenzene	0.044	U	0.19	0.044	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Hexachlorobutadiene	0.040	U	0.19	0.040	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Hexachlorocyclopentadiene	0.021	U	0.38	0.021	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Hexachloroethane	0.034	U	0.19	0.034	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Indeno[1,2,3-cd]pyrene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Isophorone	0.041	U	0.19	0.041	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
1-Methylnaphthalene	0.018	U	0.039	0.018	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
2-Methylnaphthalene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
2-Methylphenol	0.037	U	0.19	0.037	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
3 & 4 Methylphenol	0.042	U	0.19	0.042	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5

Client Sample ID: A3SB-SB0001-000.5-20150303
Date Collected: 03/03/15 12:30
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-8
Matrix: Solid
Percent Solids: 86.0

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
2-Nitroaniline	0.041	U	0.99	0.041	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
3-Nitroaniline	0.039	U	0.99	0.039	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
4-Nitroaniline	0.048	U	0.99	0.048	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Nitrobenzene	0.038	U	0.19	0.038	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
2-Nitrophenol	0.034	U	0.19	0.034	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
4-Nitrophenol	0.42	U	0.99	0.42	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
N-Nitrosodimethylamine	0.11	U	0.19	0.11	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
N-Nitrosodi-n-propylamine	0.044	U	0.19	0.044	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
N-Nitrosodiphenylamine	0.035	U	0.19	0.035	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
2,2'-oxybis[1-chloropropane]	0.042	U	0.19	0.042	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Pentachlorophenol	0.39	U	0.99	0.39	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Phenanthrene	0.014	U	0.039	0.014	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Phenol	0.038	U	0.19	0.038	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
Pyrene	0.019	U	0.039	0.019	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
1,2,4-Trichlorobenzene	0.027	U	0.19	0.027	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
2,4,5-Trichlorophenol	0.044	U	0.19	0.044	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5
2,4,6-Trichlorophenol	0.046	U	0.19	0.046	mg/Kg	☼	03/09/15 10:58	03/12/15 18:55	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*98*		*11 - 130*	*03/09/15 10:58*	*03/12/15 18:55*	*5*
2-Fluorophenol	*84*		*10 - 130*	*03/09/15 10:58*	*03/12/15 18:55*	*5*
Nitrobenzene-d5	*81*		*18 - 130*	*03/09/15 10:58*	*03/12/15 18:55*	*5*
Phenol-d5	*85*		*10 - 130*	*03/09/15 10:58*	*03/12/15 18:55*	*5*
Terphenyl-d14	*96*		*27 - 130*	*03/09/15 10:58*	*03/12/15 18:55*	*5*
2,4,6-Tribromophenol	*108*		*24 - 130*	*03/09/15 10:58*	*03/12/15 18:55*	*5*

Method: FL-PRO - Florida - Petroleum Range Organics (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C8-C40)	**80**		11	2.9	mg/Kg	☼	03/11/15 14:42	03/13/15 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*88*		*62 - 109*	*03/11/15 14:42*	*03/13/15 16:23*	*1*
n-C39	*85*		*60 - 118*	*03/11/15 14:42*	*03/13/15 16:23*	*1*

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.51	U	1.0	0.51	mg/Kg	☼	03/09/15 13:40	03/09/15 21:43	1
Arsenic	**0.58**		0.25	0.10	mg/Kg	☼	03/09/15 13:40	03/09/15 21:43	1
Barium	**9.4**		0.51	0.13	mg/Kg	☼	03/09/15 13:40	03/09/15 21:43	1
Beryllium	**0.072**		0.051	0.025	mg/Kg	☼	03/09/15 13:40	03/09/15 21:43	1
Cadmium	**0.021**	I	0.051	0.012	mg/Kg	☼	03/09/15 13:40	03/09/15 21:43	1
Chromium	**2.6**		0.51	0.25	mg/Kg	☼	03/09/15 13:40	03/09/15 21:43	1
Copper	**0.31**	I	0.51	0.20	mg/Kg	☼	03/09/15 13:40	03/09/15 21:43	1
Lead	**1.3**		0.20	0.10	mg/Kg	☼	03/09/15 13:40	03/09/15 21:43	1
Nickel	**0.69**		0.51	0.25	mg/Kg	☼	03/09/15 13:40	03/09/15 21:43	1
Selenium	0.25	U	0.51	0.25	mg/Kg	☼	03/09/15 13:40	03/09/15 21:43	1
Silver	0.051	U	0.10	0.051	mg/Kg	☼	03/09/15 13:40	03/09/15 21:43	1
Thallium	**0.028**	I	0.10	0.025	mg/Kg	☼	03/09/15 13:40	03/09/15 21:43	1
Zinc	**1.9**	I	2.0	0.56	mg/Kg	☼	03/09/15 13:40	03/09/15 21:43	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-SB0001-000.5-20150303
Date Collected: 03/03/15 12:30
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-8
Matrix: Solid
Percent Solids: 86.0

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.014	U	0.036	0.014	mg/Kg	☼	03/11/15 15:30	03/11/15 18:23	1

General Chemistry

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	86		0.10	0.10	%			03/06/15 05:38	1
Percent Moisture	14		0.10	0.10	%			03/06/15 05:38	1

General Chemistry - Soluble

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.60				SU			03/09/15 06:50	1
Temperature	19.8				Degrees C			03/09/15 06:50	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-TB01-20150303
Date Collected: 03/03/15 00:00
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/14/15 14:48	1
Benzene	0.50	U	1.0	0.50	ug/L			03/14/15 14:48	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/14/15 14:48	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/14/15 14:48	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/14/15 14:48	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/14/15 14:48	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/14/15 14:48	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/14/15 14:48	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/14/15 14:48	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/14/15 14:48	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/14/15 14:48	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/14/15 14:48	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/14/15 14:48	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/14/15 14:48	1
Cyclohexane	0.83	U	5.0	0.83	ug/L			03/14/15 14:48	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/14/15 14:48	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/14/15 14:48	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/14/15 14:48	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/14/15 14:48	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/14/15 14:48	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/14/15 14:48	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/14/15 14:48	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/14/15 14:48	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/14/15 14:48	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/14/15 14:48	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/14/15 14:48	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/14/15 14:48	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/14/15 14:48	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/14/15 14:48	1
Methyl acetate	2.3	U	5.0	2.3	ug/L			03/14/15 14:48	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/14/15 14:48	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/14/15 14:48	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/14/15 14:48	1
Styrene	0.98	U	2.0	0.98	ug/L			03/14/15 14:48	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/14/15 14:48	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/14/15 14:48	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/14/15 14:48	1
Toluene	0.51	U	1.0	0.51	ug/L			03/14/15 14:48	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/14/15 14:48	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/14/15 14:48	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/14/15 14:48	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/14/15 14:48	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/14/15 14:48	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/14/15 14:48	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/14/15 14:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	1.0	0.63	ug/L			03/14/15 14:48	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/14/15 14:48	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			03/14/15 14:48	1

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-TB01-20150303
Date Collected: 03/03/15 00:00
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		70 - 130		03/14/15 14:48	1
Dibromofluoromethane	112		70 - 130		03/14/15 14:48	1
Toluene-d8 (Surr)	107		70 - 130		03/14/15 14:48	1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
660-65727-1	A3SB-DPT0002-10.0-20150303	103	107	98
660-65727-1 DU	A3SB-DPT0002-10.0-20150303	101	105	96
660-65727-2	A3SB-DPT0002-25.0-20150303	101	107	99
660-65727-3	A3SB-DPT0002-35.0-20150303	96	106	106
660-65727-3 DU	A3SB-DPT0002-35.0-20150303	100	114	105
660-65727-4	A3SB-DPT0002-45.0-20150303	102	108	106
660-65727-4 MS	A3SB-DPT0002-45.0-20150303	104	104	103
660-65727-5	A3SB-EB01-20150303	100	108	104
660-65727-7	A3SB-FD02-20150303	102	117	105
660-65727-9	A3SB-TB01-20150303	102	112	107
LCS 660-156346/13	Lab Control Sample	106	98	100
LCS 660-156375/4	Lab Control Sample	106	99	100
MB 660-156346/15	Method Blank	102	106	98
MB 660-156375/6	Method Blank	102	108	106

Surrogate Legend

BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPH	TBP
Lab Sample ID	Client Sample ID	(11-130)	(10-130)	(18-130)	(10-130)	(27-130)	(24-130)
660-65727-6	A3SB-FD01-20150303	98	84	80	84	96	104
660-65727-6 MS	A3SB-FD01-20150303	85	74	68	74	83	89
660-65727-6 MSD	A3SB-FD01-20150303	100	87	81	87	97	109
660-65727-8	A3SB-SB0001-000.5-20150303	98	84	81	85	96	108
LCS 680-373785/4-A	Lab Control Sample	81	69	65	69	84	94
MB 680-373785/3-A	Method Blank	78	66	63	67	83	78

Surrogate Legend

FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = Terphenyl-d14
TBP = 2,4,6-Tribromophenol

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		OTPH
Lab Sample ID	Client Sample ID	(40-114)
640-50657-D-1-A MSD	Matrix Spike Duplicate	62
640-50657-G-1-A MS	Matrix Spike	76

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	OTPH (40-114)						
660-65692-D-4-A MS	Matrix Spike	63						
660-65692-D-4-B MSD	Matrix Spike Duplicate	59						
660-65727-1	A3SB-DPT0002-10.0-20150303	78						
660-65727-1	A3SB-DPT0002-10.0-20150303	55						
660-65727-5	A3SB-EB01-20150303	68						
660-65727-5	A3SB-EB01-20150303	42						
660-65727-7	A3SB-FD02-20150303	68						
660-65727-7	A3SB-FD02-20150303	57						
LCS 640-115358/2-A	Lab Control Sample	88						
LCS 640-115416/2-A	Lab Control Sample	78						
LCSD 640-115358/3-A	Lab Control Sample Dup	82						
LCSD 640-115416/3-A	Lab Control Sample Dup	71						
MB 640-115358/1-A	Method Blank	82						
MB 640-115416/1-A	Method Blank	76						

Surrogate Legend

OTPH = o-Terphenyl

Method: FL-PRO - Florida - Petroleum Range Organics (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	OTPH (62-109)	C39 (60-118)					
640-50692-B-1-B MS	Matrix Spike	0 J1	0 J1					
640-50692-B-1-C MSD	Matrix Spike Duplicate	0 J1	0 J1					
660-65727-6	A3SB-FD01-20150303	80	82					
660-65727-6 MS	A3SB-FD01-20150303	87	77					
660-65727-6 MSD	A3SB-FD01-20150303	100	100					
660-65727-8	A3SB-SB0001-000.5-20150303	88	85					
LCS 640-115356/2-A	Lab Control Sample	86	95					
LCS 640-115446/2-A	Lab Control Sample	98	101					
LCSD 640-115356/3-A	Lab Control Sample Dup	85	89					
LCSD 640-115446/3-A	Lab Control Sample Dup	104	112					
MB 640-115356/1-A	Method Blank	74	83					
MB 640-115446/1-A	Method Blank	79	93					

Surrogate Legend

OTPH = o-Terphenyl

C39 = n-C39

Method: FL-PRO - Florida - Petroleum Range Organics (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	OTPH (82-142)	C39 (42-193)					
660-65727-1	A3SB-DPT0002-10.0-20150303	93	95					
660-65727-5	A3SB-EB01-20150303	94	99					

Surrogate Summary

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Method: FL-PRO - Florida - Petroleum Range Organics (GC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	OTPH (82-142)	C39 (42-193)								
660-65727-7	A3SB-FD02-20150303	109	108								
660-65737-A-1-A MS	Matrix Spike	108	110								
660-65737-A-1-B MSD	Matrix Spike Duplicate	112	114								
LCS 640-115368/2-A	Lab Control Sample	90	90								
LCSD 640-115368/3-A	Lab Control Sample Dup	106	109								
MB 640-115368/1-A	Method Blank	97	98								

Surrogate Legend

OTPH = o-Terphenyl
C39 = n-C39

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 660-156346/15
Matrix: Water
Analysis Batch: 156346

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/13/15 15:34	1
Benzene	0.50	U	1.0	0.50	ug/L			03/13/15 15:34	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/13/15 15:34	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/13/15 15:34	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/13/15 15:34	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/13/15 15:34	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/13/15 15:34	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/13/15 15:34	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/13/15 15:34	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/13/15 15:34	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/13/15 15:34	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/13/15 15:34	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/13/15 15:34	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/13/15 15:34	1
Cyclohexane	0.83	U	5.0	0.83	ug/L			03/13/15 15:34	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/13/15 15:34	1
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/13/15 15:34	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/13/15 15:34	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/13/15 15:34	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/13/15 15:34	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/13/15 15:34	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/13/15 15:34	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/13/15 15:34	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/13/15 15:34	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/13/15 15:34	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/13/15 15:34	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/13/15 15:34	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/13/15 15:34	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/13/15 15:34	1
Methyl acetate	2.3	U	5.0	2.3	ug/L			03/13/15 15:34	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/13/15 15:34	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/13/15 15:34	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/13/15 15:34	1
Styrene	0.98	U	2.0	0.98	ug/L			03/13/15 15:34	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/13/15 15:34	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/13/15 15:34	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/13/15 15:34	1
Toluene	0.51	U	1.0	0.51	ug/L			03/13/15 15:34	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/13/15 15:34	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/13/15 15:34	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/13/15 15:34	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/13/15 15:34	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/13/15 15:34	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/13/15 15:34	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/13/15 15:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	1.0	0.63	ug/L			03/13/15 15:34	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/13/15 15:34	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			03/13/15 15:34	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-156346/15
Matrix: Water
Analysis Batch: 156346

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		70 - 130		03/13/15 15:34	1
Dibromofluoromethane	106		70 - 130		03/13/15 15:34	1
Toluene-d8 (Surr)	98		70 - 130		03/13/15 15:34	1

Lab Sample ID: LCS 660-156346/13
Matrix: Water
Analysis Batch: 156346

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	105		ug/L		105	62 - 142
Benzene	10.0	10.8		ug/L		108	68 - 134
Bromoform	10.0	9.32		ug/L		93	65 - 130
Bromomethane	10.0	12.7		ug/L		127	22 - 150
2-Butanone (MEK)	100	105		ug/L		105	63 - 140
Carbon disulfide	10.0	11.3		ug/L		113	30 - 150
Carbon tetrachloride	10.0	10.6		ug/L		106	61 - 134
Chlorobenzene	10.0	10.3		ug/L		103	70 - 130
Chlorodibromomethane	10.0	10.5		ug/L		105	70 - 130
Chloroethane	10.0	9.88		ug/L		99	39 - 150
Chloroform	10.0	9.79		ug/L		98	68 - 130
Chloromethane	10.0	12.1		ug/L		121	35 - 150
cis-1,2-Dichloroethene	10.0	10.7		ug/L		107	66 - 130
cis-1,3-Dichloropropene	10.0	9.82		ug/L		98	70 - 130
Cyclohexane	10.0	9.46		ug/L		95	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	10.3		ug/L		103	63 - 130
1,2-Dichlorobenzene	10.0	11.3		ug/L		113	70 - 130
1,3-Dichlorobenzene	10.0	11.4		ug/L		114	70 - 130
1,4-Dichlorobenzene	10.0	10.9		ug/L		109	70 - 130
Dichlorobromomethane	10.0	10.2		ug/L		102	70 - 130
Dichlorodifluoromethane	10.0	11.9		ug/L		119	16 - 149
1,1-Dichloroethane	10.0	10.5		ug/L		105	66 - 130
1,2-Dichloroethane	10.0	9.93		ug/L		99	70 - 130
1,1-Dichloroethene	10.0	10.6		ug/L		106	51 - 150
1,2-Dichloropropane	10.0	10.4		ug/L		104	70 - 130
Ethylbenzene	10.0	10.1		ug/L		101	70 - 130
Ethylene Dibromide	10.0	10.5		ug/L		105	66 - 130
2-Hexanone	100	111		ug/L		111	60 - 148
Isopropylbenzene	10.0	10.8		ug/L		108	62 - 130
Methyl acetate	50.0	48.3		ug/L		97	70 - 130
Methylene Chloride	10.0	10.5		ug/L		105	57 - 130
4-Methyl-2-pentanone (MIBK)	100	100		ug/L		100	64 - 137
Methyl tert-butyl ether	10.0	9.42		ug/L		94	67 - 130
Styrene	10.0	9.50		ug/L		95	68 - 131
1,1,1,2-Tetrachloroethane	10.0	9.55		ug/L		95	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.70		ug/L		97	70 - 130
Tetrachloroethene	10.0	11.4		ug/L		114	50 - 143
Toluene	10.0	10.7		ug/L		107	70 - 131
trans-1,2-Dichloroethene	10.0	11.1		ug/L		111	62 - 139

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-156346/13
Matrix: Water
Analysis Batch: 156346

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	10.0	10.2		ug/L		102	67 - 130
1,2,3-Trichlorobenzene	10.0	10.0		ug/L		100	58 - 132
1,1,1-Trichloroethane	10.0	10.3		ug/L		103	63 - 132
1,1,2-Trichloroethane	10.0	10.6		ug/L		106	70 - 130
Trichloroethene	10.0	11.4		ug/L		114	63 - 139
Trichlorofluoromethane	10.0	10.3		ug/L		103	62 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.74		ug/L		97	70 - 130
Vinyl chloride	10.0	10.8		ug/L		108	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 660-65727-1 DU
Matrix: Water
Analysis Batch: 156346

Client Sample ID: A3SB-DPT0002-10.0-20150303
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
Cyclohexane	0.83	U	0.83	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-65727-1 DU
Matrix: Water
Analysis Batch: 156346

Client Sample ID: A3SB-DPT0002-10.0-20150303
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Isopropylbenzene	0.52	U		0.52	U	ug/L				NC	30
Methyl acetate	2.3	U		2.3	U	ug/L				NC	30
Methylene Chloride	4.0	U		4.0	U	ug/L				NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U		4.0	U	ug/L				NC	30
Methyl tert-butyl ether	0.44	U		0.44	U	ug/L				NC	30
Styrene	0.98	U		0.98	U	ug/L				NC	30
1,1,1,2-Tetrachloroethane	0.63	U		0.63	U	ug/L				NC	30
1,1,2,2-Tetrachloroethane	0.17	U		0.17	U	ug/L				NC	30
Tetrachloroethene	0.50	U		0.50	U	ug/L				NC	30
Toluene	0.51	U		0.51	U	ug/L				NC	30
trans-1,2-Dichloroethene	0.67	U		0.67	U	ug/L				NC	30
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U		0.63	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30
Xylenes, Total	0.50	U		0.50	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*

Lab Sample ID: MB 660-156375/6
Matrix: Water
Analysis Batch: 156375

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.9	U	20	9.9	ug/L			03/14/15 11:09	1
Benzene	0.50	U	1.0	0.50	ug/L			03/14/15 11:09	1
Bromoform	0.63	U	1.0	0.63	ug/L			03/14/15 11:09	1
Bromomethane	2.5	U	5.0	2.5	ug/L			03/14/15 11:09	1
2-Butanone (MEK)	8.4	U	10	8.4	ug/L			03/14/15 11:09	1
Carbon disulfide	1.0	U	2.0	1.0	ug/L			03/14/15 11:09	1
Carbon tetrachloride	0.43	U	1.0	0.43	ug/L			03/14/15 11:09	1
Chlorobenzene	0.63	U	1.0	0.63	ug/L			03/14/15 11:09	1
Chlorodibromomethane	0.31	U	1.0	0.31	ug/L			03/14/15 11:09	1
Chloroethane	2.5	U	5.0	2.5	ug/L			03/14/15 11:09	1
Chloroform	0.90	U	1.0	0.90	ug/L			03/14/15 11:09	1
Chloromethane	1.0	U	4.0	1.0	ug/L			03/14/15 11:09	1
cis-1,2-Dichloroethene	0.65	U	1.0	0.65	ug/L			03/14/15 11:09	1
cis-1,3-Dichloropropene	0.39	U	1.0	0.39	ug/L			03/14/15 11:09	1
Cyclohexane	0.83	U	5.0	0.83	ug/L			03/14/15 11:09	1
1,2-Dibromo-3-Chloropropane	2.5	U	5.0	2.5	ug/L			03/14/15 11:09	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 660-156375/6
Matrix: Water
Analysis Batch: 156375

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.49	U	1.0	0.49	ug/L			03/14/15 11:09	1
1,3-Dichlorobenzene	0.64	U	1.0	0.64	ug/L			03/14/15 11:09	1
1,4-Dichlorobenzene	0.60	U	1.0	0.60	ug/L			03/14/15 11:09	1
Dichlorobromomethane	0.44	U	1.0	0.44	ug/L			03/14/15 11:09	1
Dichlorodifluoromethane	2.5	U	5.0	2.5	ug/L			03/14/15 11:09	1
1,1-Dichloroethane	0.52	U	1.0	0.52	ug/L			03/14/15 11:09	1
1,2-Dichloroethane	0.57	U	1.0	0.57	ug/L			03/14/15 11:09	1
1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/14/15 11:09	1
1,2-Dichloropropane	0.52	U	1.0	0.52	ug/L			03/14/15 11:09	1
Ethylbenzene	0.44	U	1.0	0.44	ug/L			03/14/15 11:09	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			03/14/15 11:09	1
2-Hexanone	4.4	U	10	4.4	ug/L			03/14/15 11:09	1
Isopropylbenzene	0.52	U	1.0	0.52	ug/L			03/14/15 11:09	1
Methyl acetate	2.3	U	5.0	2.3	ug/L			03/14/15 11:09	1
Methylene Chloride	4.0	U	5.0	4.0	ug/L			03/14/15 11:09	1
4-Methyl-2-pentanone (MIBK)	4.0	U	10	4.0	ug/L			03/14/15 11:09	1
Methyl tert-butyl ether	0.44	U	1.0	0.44	ug/L			03/14/15 11:09	1
Styrene	0.98	U	2.0	0.98	ug/L			03/14/15 11:09	1
1,1,1,2-Tetrachloroethane	0.63	U	1.0	0.63	ug/L			03/14/15 11:09	1
1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17	ug/L			03/14/15 11:09	1
Tetrachloroethene	0.50	U	1.0	0.50	ug/L			03/14/15 11:09	1
Toluene	0.51	U	1.0	0.51	ug/L			03/14/15 11:09	1
trans-1,2-Dichloroethene	0.67	U	1.0	0.67	ug/L			03/14/15 11:09	1
trans-1,3-Dichloropropene	0.27	U	1.0	0.27	ug/L			03/14/15 11:09	1
1,2,3-Trichlorobenzene	0.77	U	1.0	0.77	ug/L			03/14/15 11:09	1
1,1,1-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/14/15 11:09	1
1,1,2-Trichloroethane	0.47	U	1.0	0.47	ug/L			03/14/15 11:09	1
Trichloroethene	0.61	U	1.0	0.61	ug/L			03/14/15 11:09	1
Trichlorofluoromethane	2.5	U	5.0	2.5	ug/L			03/14/15 11:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	1.0	0.63	ug/L			03/14/15 11:09	1
Vinyl chloride	0.71	U	1.0	0.71	ug/L			03/14/15 11:09	1
Xylenes, Total	0.50	U	3.0	0.50	ug/L			03/14/15 11:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/14/15 11:09*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*03/14/15 11:09*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*03/14/15 11:09*	*1*

Lab Sample ID: LCS 660-156375/4
Matrix: Water
Analysis Batch: 156375

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	91.2		ug/L		91	62 - 142
Benzene	10.0	9.58		ug/L		96	68 - 134
Bromoform	10.0	8.35		ug/L		84	65 - 130
Bromomethane	10.0	5.46		ug/L		55	22 - 150
2-Butanone (MEK)	100	73.0		ug/L		73	63 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 660-156375/4
Matrix: Water
Analysis Batch: 156375

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	10.0	10.6		ug/L		106	30 - 150
Carbon tetrachloride	10.0	9.73		ug/L		97	61 - 134
Chlorobenzene	10.0	10.0		ug/L		100	70 - 130
Chlorodibromomethane	10.0	8.83		ug/L		88	70 - 130
Chloroethane	10.0	10.1		ug/L		101	39 - 150
Chloroform	10.0	9.23		ug/L		92	68 - 130
Chloromethane	10.0	11.9		ug/L		119	35 - 150
cis-1,2-Dichloroethene	10.0	10.1		ug/L		101	66 - 130
cis-1,3-Dichloropropene	10.0	8.48		ug/L		85	70 - 130
Cyclohexane	10.0	7.94		ug/L		79	70 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.65		ug/L		96	63 - 130
1,2-Dichlorobenzene	10.0	9.91		ug/L		99	70 - 130
1,3-Dichlorobenzene	10.0	9.96		ug/L		100	70 - 130
1,4-Dichlorobenzene	10.0	9.88		ug/L		99	70 - 130
Dichlorobromomethane	10.0	9.27		ug/L		93	70 - 130
Dichlorodifluoromethane	10.0	13.4		ug/L		134	16 - 149
1,1-Dichloroethane	10.0	10.0		ug/L		100	66 - 130
1,2-Dichloroethane	10.0	9.87		ug/L		99	70 - 130
1,1-Dichloroethene	10.0	10.1		ug/L		101	51 - 150
1,2-Dichloropropane	10.0	9.58		ug/L		96	70 - 130
Ethylbenzene	10.0	9.87		ug/L		99	70 - 130
Ethylene Dibromide	10.0	9.05		ug/L		90	66 - 130
2-Hexanone	100	78.6		ug/L		79	60 - 148
Isopropylbenzene	10.0	9.08		ug/L		91	62 - 130
Methyl acetate	50.0	37.9		ug/L		76	70 - 130
Methylene Chloride	10.0	9.59		ug/L		96	57 - 130
4-Methyl-2-pentanone (MIBK)	100	75.1		ug/L		75	64 - 137
Methyl tert-butyl ether	10.0	8.01		ug/L		80	67 - 130
Styrene	10.0	8.38		ug/L		84	68 - 131
1,1,1,2-Tetrachloroethane	10.0	9.34		ug/L		93	70 - 130
1,1,2,2-Tetrachloroethane	10.0	8.67		ug/L		87	70 - 130
Tetrachloroethene	10.0	10.3		ug/L		103	50 - 143
Toluene	10.0	10.5		ug/L		105	70 - 131
trans-1,2-Dichloroethene	10.0	9.12		ug/L		91	62 - 139
trans-1,3-Dichloropropene	10.0	9.16		ug/L		92	67 - 130
1,2,3-Trichlorobenzene	10.0	9.96		ug/L		100	58 - 132
1,1,1-Trichloroethane	10.0	10.5		ug/L		105	63 - 132
1,1,2-Trichloroethane	10.0	8.62		ug/L		86	70 - 130
Trichloroethene	10.0	9.36		ug/L		94	63 - 139
Trichlorofluoromethane	10.0	10.7		ug/L		107	62 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.10		ug/L		91	70 - 130
Vinyl chloride	10.0	10.4		ug/L		104	48 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-65727-4 MS
Matrix: Water
Analysis Batch: 156375

Client Sample ID: A3SB-DPT0002-45.0-20150303
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	9.9	U	100	82.4		ug/L		82	62 - 142
Benzene	0.50	U	10.0	8.49		ug/L		85	68 - 134
Bromoform	0.63	U	10.0	7.11		ug/L		71	65 - 130
Bromomethane	2.5	U	10.0	4.88	I	ug/L		49	22 - 150
2-Butanone (MEK)	8.4	U	100	68.4		ug/L		68	63 - 140
Carbon disulfide	1.0	U	10.0	8.41		ug/L		84	30 - 150
Carbon tetrachloride	0.43	U	10.0	9.06		ug/L		91	61 - 134
Chlorobenzene	0.63	U	10.0	8.23		ug/L		82	70 - 130
Chlorodibromomethane	0.31	U	10.0	7.75		ug/L		78	70 - 130
Chloroethane	2.5	U	10.0	9.02		ug/L		90	39 - 150
Chloroform	0.90	U	10.0	8.53		ug/L		85	68 - 130
Chloromethane	1.0	U	10.0	9.58		ug/L		96	35 - 150
cis-1,2-Dichloroethene	0.65	U	10.0	8.22		ug/L		82	66 - 130
cis-1,3-Dichloropropene	0.39	U	10.0	7.20		ug/L		72	70 - 130
Cyclohexane	0.83	U J3	10.0	6.84	J3	ug/L		68	70 - 130
1,2-Dibromo-3-Chloropropane	2.5	U	10.0	8.38		ug/L		84	63 - 130
1,2-Dichlorobenzene	0.49	U	10.0	8.84		ug/L		88	70 - 130
1,3-Dichlorobenzene	0.64	U	10.0	8.28		ug/L		83	70 - 130
1,4-Dichlorobenzene	0.60	U	10.0	8.19		ug/L		82	70 - 130
Dichlorobromomethane	0.44	U	10.0	9.00		ug/L		90	70 - 130
Dichlorodifluoromethane	2.5	U	10.0	12.9		ug/L		129	16 - 149
1,1-Dichloroethane	0.52	U	10.0	9.18		ug/L		92	66 - 130
1,2-Dichloroethane	0.57	U	10.0	8.66		ug/L		87	70 - 130
1,1-Dichloroethene	0.67	U	10.0	8.27		ug/L		83	51 - 150
1,2-Dichloropropane	0.52	U	10.0	7.56		ug/L		76	70 - 130
Ethylbenzene	0.44	U	10.0	7.59		ug/L		76	70 - 130
Ethylene Dibromide	0.50	U	10.0	8.53		ug/L		85	66 - 130
2-Hexanone	4.4	U	100	79.5		ug/L		80	60 - 148
Isopropylbenzene	0.52	U	10.0	7.34		ug/L		73	62 - 130
Methyl acetate	2.3	U	50.0	37.6		ug/L		75	70 - 130
Methylene Chloride	4.0	U	10.0	8.13		ug/L		81	57 - 130
4-Methyl-2-pentanone (MIBK)	4.0	U	100	72.9		ug/L		73	64 - 137
Methyl tert-butyl ether	0.44	U	10.0	7.11		ug/L		71	67 - 130
Styrene	0.98	U J3	10.0	6.55	J3	ug/L		66	68 - 131
1,1,1,2-Tetrachloroethane	0.63	U	10.0	8.00		ug/L		80	70 - 130
1,1,2,2-Tetrachloroethane	0.17	U	10.0	8.15		ug/L		81	70 - 130
Tetrachloroethene	0.50	U	10.0	9.32		ug/L		93	50 - 143
Toluene	0.51	U	10.0	8.55		ug/L		86	70 - 131
trans-1,2-Dichloroethene	0.67	U	10.0	8.03		ug/L		80	62 - 139
trans-1,3-Dichloropropene	0.27	U	10.0	7.75		ug/L		78	67 - 130
1,2,3-Trichlorobenzene	0.77	U	10.0	8.63		ug/L		86	58 - 132
1,1,1-Trichloroethane	0.47	U	10.0	9.03		ug/L		90	63 - 132
1,1,2-Trichloroethane	0.47	U	10.0	7.46		ug/L		75	70 - 130
Trichloroethene	0.61	U	10.0	7.67		ug/L		77	63 - 139
Trichlorofluoromethane	2.5	U	10.0	10.4		ug/L		104	62 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U	10.0	7.53		ug/L		75	70 - 130
Vinyl chloride	0.71	U	10.0	8.34		ug/L		83	48 - 147

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-65727-4 MS
Matrix: Water
Analysis Batch: 156375

Client Sample ID: A3SB-DPT0002-45.0-20150303
Prep Type: Total/NA

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: 660-65727-3 DU
Matrix: Water
Analysis Batch: 156375

Client Sample ID: A3SB-DPT0002-35.0-20150303
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetone	9.9	U	9.9	U	ug/L		NC	30
Benzene	0.50	U	0.50	U	ug/L		NC	30
Bromoform	0.63	U	0.63	U	ug/L		NC	30
Bromomethane	2.5	U	2.5	U	ug/L		NC	30
2-Butanone (MEK)	8.4	U	8.4	U	ug/L		NC	30
Carbon disulfide	1.0	U	1.0	U	ug/L		NC	30
Carbon tetrachloride	0.43	U	0.43	U	ug/L		NC	30
Chlorobenzene	0.63	U	0.63	U	ug/L		NC	30
Chlorodibromomethane	0.31	U	0.31	U	ug/L		NC	30
Chloroethane	2.5	U	2.5	U	ug/L		NC	30
Chloroform	0.90	U	0.90	U	ug/L		NC	30
Chloromethane	1.0	U	1.0	U	ug/L		NC	30
cis-1,2-Dichloroethene	0.65	U	0.65	U	ug/L		NC	30
cis-1,3-Dichloropropene	0.39	U	0.39	U	ug/L		NC	30
Cyclohexane	0.83	U	0.83	U	ug/L		NC	30
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	U	ug/L		NC	30
1,2-Dichlorobenzene	0.49	U	0.49	U	ug/L		NC	30
1,3-Dichlorobenzene	0.64	U	0.64	U	ug/L		NC	30
1,4-Dichlorobenzene	0.60	U	0.60	U	ug/L		NC	30
Dichlorobromomethane	0.44	U	0.44	U	ug/L		NC	30
Dichlorodifluoromethane	2.5	U	2.5	U	ug/L		NC	30
1,1-Dichloroethane	0.52	U	0.52	U	ug/L		NC	30
1,2-Dichloroethane	0.57	U	0.57	U	ug/L		NC	30
1,1-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30
1,2-Dichloropropane	0.52	U	0.52	U	ug/L		NC	30
Ethylbenzene	0.44	U	0.44	U	ug/L		NC	30
Ethylene Dibromide	0.50	U	0.50	U	ug/L		NC	30
2-Hexanone	4.4	U	4.4	U	ug/L		NC	30
Isopropylbenzene	0.52	U	0.52	U	ug/L		NC	30
Methyl acetate	2.3	U	2.3	U	ug/L		NC	30
Methylene Chloride	4.0	U	4.0	U	ug/L		NC	30
4-Methyl-2-pentanone (MIBK)	4.0	U	4.0	U	ug/L		NC	30
Methyl tert-butyl ether	0.44	U	0.44	U	ug/L		NC	30
Styrene	0.98	U	0.98	U	ug/L		NC	30
1,1,1,2-Tetrachloroethane	0.63	U	0.63	U	ug/L		NC	30
1,1,2,2-Tetrachloroethane	0.17	U	0.17	U	ug/L		NC	30
Tetrachloroethene	0.50	U	0.50	U	ug/L		NC	30
Toluene	0.51	U	0.51	U	ug/L		NC	30
trans-1,2-Dichloroethene	0.67	U	0.67	U	ug/L		NC	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 660-65727-3 DU
Matrix: Water
Analysis Batch: 156375

Client Sample ID: A3SB-DPT0002-35.0-20150303
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
trans-1,3-Dichloropropene	0.27	U		0.27	U	ug/L				NC	30
1,2,3-Trichlorobenzene	0.77	U		0.77	U	ug/L				NC	30
1,1,1-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
1,1,2-Trichloroethane	0.47	U		0.47	U	ug/L				NC	30
Trichloroethene	0.61	U		0.61	U	ug/L				NC	30
Trichlorofluoromethane	2.5	U		2.5	U	ug/L				NC	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	U		0.63	U	ug/L				NC	30
Vinyl chloride	0.71	U		0.71	U	ug/L				NC	30
Xylenes, Total	0.50	U		0.50	U	ug/L				NC	30

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
Dibromofluoromethane	*114*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level

Lab Sample ID: MB 640-115358/1-A
Matrix: Water
Analysis Batch: 115372

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 115358

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.040	U	0.20	0.040	ug/L		03/06/15 17:00	03/09/15 19:56	1
Acenaphthylene	0.025	U	0.20	0.025	ug/L		03/06/15 17:00	03/09/15 19:56	1
Anthracene	0.040	U	0.20	0.040	ug/L		03/06/15 17:00	03/09/15 19:56	1
Benzo[a]anthracene	0.025	U	0.20	0.025	ug/L		03/06/15 17:00	03/09/15 19:56	1
Benzo[a]pyrene	0.025	U	0.20	0.025	ug/L		03/06/15 17:00	03/09/15 19:56	1
Benzo[b]fluoranthene	0.025	U	0.10	0.025	ug/L		03/06/15 17:00	03/09/15 19:56	1
Benzo[g,h,i]perylene	0.040	U	0.20	0.040	ug/L		03/06/15 17:00	03/09/15 19:56	1
Benzo[k]fluoranthene	0.025	U	0.20	0.025	ug/L		03/06/15 17:00	03/09/15 19:56	1
Chrysene	0.025	U	0.20	0.025	ug/L		03/06/15 17:00	03/09/15 19:56	1
Dibenz(a,h)anthracene	0.040	U	0.20	0.040	ug/L		03/06/15 17:00	03/09/15 19:56	1
Fluoranthene	0.025	U	0.20	0.025	ug/L		03/06/15 17:00	03/09/15 19:56	1
Fluorene	0.040	U	0.20	0.040	ug/L		03/06/15 17:00	03/09/15 19:56	1
Indeno[1,2,3-cd]pyrene	0.044	U	0.20	0.044	ug/L		03/06/15 17:00	03/09/15 19:56	1
1-Methylnaphthalene	0.040	U	0.20	0.040	ug/L		03/06/15 17:00	03/09/15 19:56	1
2-Methylnaphthalene	0.031	U	0.20	0.031	ug/L		03/06/15 17:00	03/09/15 19:56	1
Naphthalene	0.040	U	0.20	0.040	ug/L		03/06/15 17:00	03/09/15 19:56	1
Phenanthrene	0.040	U	0.20	0.040	ug/L		03/06/15 17:00	03/09/15 19:56	1
Pyrene	0.025	U	0.20	0.025	ug/L		03/06/15 17:00	03/09/15 19:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*82*		*40 - 114*	*03/06/15 17:00*	*03/09/15 19:56*	*1*

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: LCS 640-115358/2-A
Matrix: Water
Analysis Batch: 115372

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 115358

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acenaphthene			8.00	6.12		ug/L		77	50 - 110		
Acenaphthylene			8.00	6.28		ug/L		79	27 - 105		
Anthracene			8.00	6.62		ug/L		83	33 - 103		
Benzo[a]anthracene			8.00	7.01		ug/L		88	58 - 112		
Benzo[a]pyrene			8.00	6.35		ug/L		79	34 - 115		
Benzo[b]fluoranthene			8.00	6.62		ug/L		83	68 - 120		
Benzo[g,h,i]perylene			8.00	4.42	J3	ug/L		55	57 - 128		
Benzo[k]fluoranthene			8.00	6.34		ug/L		79	67 - 115		
Chrysene			8.00	6.72		ug/L		84	64 - 115		
Dibenz(a,h)anthracene			8.00	4.07	J3	ug/L		51	52 - 128		
Fluoranthene			8.00	6.78		ug/L		85	66 - 113		
Fluorene			8.00	6.31		ug/L		79	59 - 113		
Indeno[1,2,3-cd]pyrene			8.00	5.04		ug/L		63	58 - 121		
1-Methylnaphthalene			8.00	5.89		ug/L		74	46 - 103		
2-Methylnaphthalene			8.00	5.68		ug/L		71	46 - 106		
Naphthalene			8.00	5.91		ug/L		74	43 - 104		
Phenanthrene			8.00	6.32		ug/L		79	57 - 109		
Pyrene			8.00	6.73		ug/L		84	60 - 114		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*88*		*40 - 114*

Lab Sample ID: LCSD 640-115358/3-A
Matrix: Water
Analysis Batch: 115372

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 115358

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene			8.00	5.91		ug/L		74	50 - 110	4	40
Acenaphthylene			8.00	6.08		ug/L		76	27 - 105	3	40
Anthracene			8.00	6.67		ug/L		83	33 - 103	1	40
Benzo[a]anthracene			8.00	7.21		ug/L		90	58 - 112	3	37
Benzo[a]pyrene			8.00	6.46		ug/L		81	34 - 115	2	40
Benzo[b]fluoranthene			8.00	6.61		ug/L		83	68 - 120	0	23
Benzo[g,h,i]perylene			8.00	4.45	J3	ug/L		56	57 - 128	1	27
Benzo[k]fluoranthene			8.00	6.40		ug/L		80	67 - 115	1	23
Chrysene			8.00	6.92		ug/L		87	64 - 115	3	34
Dibenz(a,h)anthracene			8.00	4.19		ug/L		52	52 - 128	3	30
Fluoranthene			8.00	6.81		ug/L		85	66 - 113	0	32
Fluorene			8.00	6.18		ug/L		77	59 - 113	2	36
Indeno[1,2,3-cd]pyrene			8.00	4.91		ug/L		61	58 - 121	3	26
1-Methylnaphthalene			8.00	5.71		ug/L		71	46 - 103	3	40
2-Methylnaphthalene			8.00	5.64		ug/L		71	46 - 106	1	40
Naphthalene			8.00	5.77		ug/L		72	43 - 104	2	40
Phenanthrene			8.00	6.23		ug/L		78	57 - 109	1	32
Pyrene			8.00	6.86		ug/L		86	60 - 114	2	37

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: LCSD 640-115358/3-A
Matrix: Water
Analysis Batch: 115372

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 115358

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*82*		*40 - 114*

Lab Sample ID: 640-50657-D-1-A MSD
Matrix: Water
Analysis Batch: 115372

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 115358

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	0.038	U J3	7.69	2.67	J3	ug/L		35	25 - 118	66	39
Acenaphthylene	0.024	U J3	7.69	2.75	J3	ug/L		36	19 - 110	67	43
Anthracene	0.038	U	7.69	4.34		ug/L		56	31 - 110	32	42
Benzo[a]anthracene	0.024	U	7.69	5.99		ug/L		78	37 - 122	2	23
Benzo[a]pyrene	0.024	U	7.69	3.85		ug/L		50	20 - 121	5	29
Benzo[b]fluoranthene	0.024	U	7.69	4.53		ug/L		59	27 - 131	4	29
Benzo[g,h,i]perylene	0.038	U J3	7.69	1.53		ug/L		20	10 - 137	18	39
Benzo[k]fluoranthene	0.024	U	7.69	3.43		ug/L		45	25 - 126	8	31
Chrysene	0.024	U	7.69	5.42		ug/L		70	39 - 124	3	26
Dibenz(a,h)anthracene	0.038	U J3	7.69	1.23		ug/L		16	10 - 131	18	41
Fluoranthene	0.024	U	7.69	5.83		ug/L		76	49 - 122	9	34
Fluorene	0.038	U J3	7.69	3.07	J3	ug/L		40	29 - 126	59	43
Indeno[1,2,3-cd]pyrene	0.042	U	7.69	2.07		ug/L		27	10 - 133	8	38
1-Methylnaphthalene	2.1	J3	7.69	3.66	J3	ug/L		20	11 - 123	74	50
2-Methylnaphthalene	2.9	J3	7.69	4.20	J3	ug/L		16	16 - 121	75	50
Naphthalene	16	J3	7.69	10.6	J3	ug/L		-68	10 - 132	80	50
Phenanthrene	0.038	U	7.69	3.96		ug/L		52	38 - 117	35	41
Pyrene	0.024	U	7.69	6.02		ug/L		78	43 - 122	3	33

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*62*		*40 - 114*

Lab Sample ID: 640-50657-G-1-A MS
Matrix: Water
Analysis Batch: 115372

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 115358

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	0.038	U J3	7.69	5.29		ug/L		69	25 - 118
Acenaphthylene	0.024	U J3	7.69	5.51		ug/L		72	19 - 110
Anthracene	0.038	U	7.69	5.97		ug/L		78	31 - 110
Benzo[a]anthracene	0.024	U	7.69	5.85		ug/L		76	37 - 122
Benzo[a]pyrene	0.024	U	7.69	3.65		ug/L		47	20 - 121
Benzo[b]fluoranthene	0.024	U	7.69	4.37		ug/L		57	27 - 131
Benzo[g,h,i]perylene	0.038	U J3	7.69	1.28		ug/L		17	10 - 137
Benzo[k]fluoranthene	0.024	U	7.69	3.18		ug/L		41	25 - 126
Chrysene	0.024	U	7.69	5.24		ug/L		68	39 - 124
Dibenz(a,h)anthracene	0.038	U J3	7.69	1.03		ug/L		13	10 - 131
Fluoranthene	0.024	U	7.69	6.36		ug/L		83	49 - 122
Fluorene	0.038	U J3	7.69	5.66		ug/L		74	29 - 126
Indeno[1,2,3-cd]pyrene	0.042	U	7.69	1.90		ug/L		25	10 - 133
1-Methylnaphthalene	2.1	J3	7.69	8.00		ug/L		76	11 - 123

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: 640-50657-G-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115372 — **Prep Batch: 115358**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	2.9	J3	7.69	9.23		ug/L		82	16 - 121
Naphthalene	16	J3	7.69	24.9		ug/L		117	10 - 132
Phenanthrene	0.038	U	7.69	5.64		ug/L		73	38 - 117
Pyrene	0.024	U	7.69	6.22		ug/L		81	43 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*76*		*40 - 114*

Lab Sample ID: MB 640-115416/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115441 — **Prep Batch: 115416**

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 15:37	1
Acenaphthylene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 15:37	1
Anthracene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 15:37	1
Benzo[a]anthracene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 15:37	1
Benzo[a]pyrene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 15:37	1
Benzo[b]fluoranthene	0.025	U	0.10	0.025	ug/L		03/10/15 17:00	03/11/15 15:37	1
Benzo[g,h,i]perylene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 15:37	1
Benzo[k]fluoranthene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 15:37	1
Chrysene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 15:37	1
Dibenz(a,h)anthracene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 15:37	1
Fluoranthene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 15:37	1
Fluorene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 15:37	1
Indeno[1,2,3-cd]pyrene	0.044	U	0.20	0.044	ug/L		03/10/15 17:00	03/11/15 15:37	1
1-Methylnaphthalene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 15:37	1
2-Methylnaphthalene	0.031	U	0.20	0.031	ug/L		03/10/15 17:00	03/11/15 15:37	1
Naphthalene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 15:37	1
Phenanthrene	0.040	U	0.20	0.040	ug/L		03/10/15 17:00	03/11/15 15:37	1
Pyrene	0.025	U	0.20	0.025	ug/L		03/10/15 17:00	03/11/15 15:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*76*		*40 - 114*	*03/10/15 17:00*	*03/11/15 15:37*	*1*

Lab Sample ID: LCS 640-115416/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115441 — **Prep Batch: 115416**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	8.00	5.94		ug/L		74	50 - 110
Acenaphthylene	8.00	5.75		ug/L		72	27 - 105
Anthracene	8.00	5.95		ug/L		74	33 - 103
Benzo[a]anthracene	8.00	6.21		ug/L		78	58 - 112
Benzo[a]pyrene	8.00	5.81		ug/L		73	34 - 115
Benzo[b]fluoranthene	8.00	5.97		ug/L		75	68 - 120
Benzo[g,h,i]perylene	8.00	4.85		ug/L		61	57 - 128
Benzo[k]fluoranthene	8.00	5.93		ug/L		74	67 - 115

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: LCS 640-115416/2-A
Matrix: Water
Analysis Batch: 115441

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 115416

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chrysene	8.00	6.33		ug/L		79	64 - 115
Dibenz(a,h)anthracene	8.00	4.41		ug/L		55	52 - 128
Fluoranthene	8.00	6.55		ug/L		82	66 - 113
Fluorene	8.00	6.07		ug/L		76	59 - 113
Indeno[1,2,3-cd]pyrene	8.00	5.30		ug/L		66	58 - 121
1-Methylnaphthalene	8.00	5.73		ug/L		72	46 - 103
2-Methylnaphthalene	8.00	5.30		ug/L		66	46 - 106
Naphthalene	8.00	5.43		ug/L		68	43 - 104
Phenanthrene	8.00	6.25		ug/L		78	57 - 109
Pyrene	8.00	6.27		ug/L		78	60 - 114

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*78*		*40 - 114*

Lab Sample ID: LCSD 640-115416/3-A
Matrix: Water
Analysis Batch: 115441

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 115416

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	8.00	5.58		ug/L		70	50 - 110	6	40
Acenaphthylene	8.00	5.12		ug/L		64	27 - 105	12	40
Anthracene	8.00	5.44		ug/L		68	33 - 103	9	40
Benzo[a]anthracene	8.00	5.60		ug/L		70	58 - 112	10	37
Benzo[a]pyrene	8.00	4.96		ug/L		62	34 - 115	16	40
Benzo[b]fluoranthene	8.00	5.40	J3	ug/L		67	68 - 120	10	23
Benzo[g,h,i]perylene	8.00	4.23	J3	ug/L		53	57 - 128	14	27
Benzo[k]fluoranthene	8.00	5.45		ug/L		68	67 - 115	9	23
Chrysene	8.00	5.91		ug/L		74	64 - 115	7	34
Dibenz(a,h)anthracene	8.00	3.90	J3	ug/L		49	52 - 128	12	30
Fluoranthene	8.00	6.01		ug/L		75	66 - 113	9	32
Fluorene	8.00	5.68		ug/L		71	59 - 113	7	36
Indeno[1,2,3-cd]pyrene	8.00	4.55	J3	ug/L		57	58 - 121	15	26
1-Methylnaphthalene	8.00	5.44		ug/L		68	46 - 103	5	40
2-Methylnaphthalene	8.00	5.12		ug/L		64	46 - 106	3	40
Naphthalene	8.00	5.21		ug/L		65	43 - 104	4	40
Phenanthrene	8.00	5.61		ug/L		70	57 - 109	11	32
Pyrene	8.00	5.71		ug/L		71	60 - 114	9	37

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*71*		*40 - 114*

Lab Sample ID: 660-65692-D-4-A MS
Matrix: Water
Analysis Batch: 115441

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 115416

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	0.040	U	8.00	5.27		ug/L		66	25 - 118
Acenaphthylene	0.025	U	8.00	4.89		ug/L		61	19 - 110

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: 660-65692-D-4-A MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115441 — **Prep Batch: 115416**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Anthracene	0.040	U	8.00	5.31		ug/L		66	31 - 110
Benzo[a]anthracene	0.025	U	8.00	4.31		ug/L		54	37 - 122
Benzo[a]pyrene	0.025	U	8.00	2.30		ug/L		29	20 - 121
Benzo[b]fluoranthene	0.025	U J3	8.00	2.63		ug/L		33	27 - 131
Benzo[g,h,i]perylene	0.040	U J3	8.00	1.53		ug/L		19	10 - 137
Benzo[k]fluoranthene	0.025	U	8.00	2.59		ug/L		32	25 - 126
Chrysene	0.025	U	8.00	4.35		ug/L		54	39 - 124
Dibenz(a,h)anthracene	0.040	U J3	8.00	1.29		ug/L		16	10 - 131
Fluoranthene	0.025	U	8.00	5.85		ug/L		73	49 - 122
Fluorene	0.040	U	8.00	5.46		ug/L		68	29 - 126
Indeno[1,2,3-cd]pyrene	0.044	U J3	8.00	1.52		ug/L		19	10 - 133
1-Methylnaphthalene	0.040	U	8.00	5.11		ug/L		64	11 - 123
2-Methylnaphthalene	0.031	U	8.00	4.84		ug/L		61	16 - 121
Naphthalene	0.040	U	8.00	4.95		ug/L		62	10 - 132
Phenanthrene	0.040	U	8.00	5.29		ug/L		66	38 - 117
Pyrene	0.025	U	8.00	5.36		ug/L		67	43 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*63*		*40 - 114*

Lab Sample ID: 660-65692-D-4-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115441 — **Prep Batch: 115416**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	0.040	U	8.00	5.26		ug/L		66	25 - 118	0	39
Acenaphthylene	0.025	U	8.00	4.96		ug/L		62	19 - 110	1	43
Anthracene	0.040	U	8.00	5.06		ug/L		63	31 - 110	5	42
Benzo[a]anthracene	0.025	U	8.00	4.13		ug/L		52	37 - 122	4	23
Benzo[a]pyrene	0.025	U	8.00	2.47		ug/L		31	20 - 121	7	29
Benzo[b]fluoranthene	0.025	U J3	8.00	2.69		ug/L		34	27 - 131	3	29
Benzo[g,h,i]perylene	0.040	U J3	8.00	1.63		ug/L		20	10 - 137	6	39
Benzo[k]fluoranthene	0.025	U	8.00	2.62		ug/L		33	25 - 126	1	31
Chrysene	0.025	U	8.00	4.23		ug/L		53	39 - 124	3	26
Dibenz(a,h)anthracene	0.040	U J3	8.00	1.37		ug/L		17	10 - 131	6	41
Fluoranthene	0.025	U	8.00	5.42		ug/L		68	49 - 122	8	34
Fluorene	0.040	U	8.00	5.26		ug/L		66	29 - 126	4	43
Indeno[1,2,3-cd]pyrene	0.044	U J3	8.00	1.63		ug/L		20	10 - 133	7	38
1-Methylnaphthalene	0.040	U	8.00	5.28		ug/L		66	11 - 123	3	50
2-Methylnaphthalene	0.031	U	8.00	5.04		ug/L		63	16 - 121	4	50
Naphthalene	0.040	U	8.00	5.17		ug/L		65	10 - 132	4	50
Phenanthrene	0.040	U	8.00	5.19		ug/L		65	38 - 117	2	41
Pyrene	0.025	U	8.00	5.13		ug/L		64	43 - 122	4	33

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*59*		*40 - 114*

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: MB 680-373785/3-A
Matrix: Solid
Analysis Batch: 374337

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 373785

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0033	U	0.0067	0.0033	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Acenaphthylene	0.0033	U	0.0067	0.0033	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Anthracene	0.0033	U	0.0067	0.0033	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Benzo[a]anthracene	0.0033	U	0.0067	0.0033	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Benzo[a]pyrene	0.0012	U	0.0067	0.0012	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Benzo[b]fluoranthene	0.0033	U	0.0067	0.0033	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Benzo[g,h,i]perylene	0.0033	U	0.0067	0.0033	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Benzoic acid	0.021	U	0.17	0.021	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Benzo[k]fluoranthene	0.0020	U	0.0067	0.0020	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Benzyl alcohol	0.0061	U	0.033	0.0061	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Bis(2-chloroethoxy)methane	0.0065	U	0.033	0.0065	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Bis(2-chloroethyl)ether	0.0065	U	0.033	0.0065	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Bis(2-ethylhexyl) phthalate	0.0205	I	0.066	0.0060	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
4-Bromophenyl phenyl ether	0.0069	U	0.033	0.0069	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Butyl benzyl phthalate	0.00728	I	0.033	0.0055	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
4-Chloroaniline	0.0052	U	0.066	0.0052	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
4-Chloro-3-methylphenol	0.0070	U	0.033	0.0070	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
2-Chloronaphthalene	0.0060	U	0.033	0.0060	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
2-Chlorophenol	0.0053	U	0.033	0.0053	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
4-Chlorophenyl phenyl ether	0.0064	U	0.033	0.0064	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Chrysene	0.0033	U	0.0067	0.0033	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Dibenz(a,h)anthracene	0.0033	U	0.0067	0.0033	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Dibenzofuran	0.0067	U	0.033	0.0067	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
1,2-Dichlorobenzene	0.0086	U	0.033	0.0086	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
1,3-Dichlorobenzene	0.0056	U	0.033	0.0056	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
1,4-Dichlorobenzene	0.0052	U	0.033	0.0052	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
3,3'-Dichlorobenzidine	0.017	U	0.066	0.017	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
2,4-Dichlorophenol	0.0072	U	0.033	0.0072	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Diethyl phthalate	0.0074	U	0.033	0.0074	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
2,4-Dimethylphenol	0.0076	U	0.066	0.0076	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Dimethyl phthalate	0.0075	U	0.033	0.0075	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Di-n-butyl phthalate	0.0221	I	0.17	0.017	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
4,6-Dinitro-2-methylphenol	0.017	U	0.17	0.017	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
2,4-Dinitrophenol	0.13	U	0.33	0.13	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
2,4-Dinitrotoluene	0.0075	U	0.033	0.0075	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
2,6-Dinitrotoluene	0.0079	U	0.033	0.0079	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Di-n-octyl phthalate	0.0036	U	0.033	0.0036	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Fluoranthene	0.0033	U	0.0067	0.0033	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Fluorene	0.0033	U	0.0067	0.0033	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Hexachlorobenzene	0.0076	U	0.033	0.0076	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Hexachlorobutadiene	0.0068	U	0.033	0.0068	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Hexachlorocyclopentadiene	0.0037	U	0.066	0.0037	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Hexachloroethane	0.0058	U	0.033	0.0058	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Indeno[1,2,3-cd]pyrene	0.0033	U	0.0067	0.0033	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Isophorone	0.0070	U	0.033	0.0070	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
1-Methylnaphthalene	0.0031	U	0.0067	0.0031	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
2-Methylnaphthalene	0.0033	U	0.0067	0.0033	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
2-Methylphenol	0.0063	U	0.033	0.0063	mg/Kg		03/09/15 10:58	03/12/15 16:38	1

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: MB 680-373785/3-A
Matrix: Solid
Analysis Batch: 374337

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 373785

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	0.0073	U	0.033	0.0073	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Naphthalene	0.0033	U	0.0067	0.0033	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
2-Nitroaniline	0.0070	U	0.17	0.0070	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
3-Nitroaniline	0.0067	U	0.17	0.0067	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
4-Nitroaniline	0.0083	U	0.17	0.0083	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Nitrobenzene	0.0066	U	0.033	0.0066	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
2-Nitrophenol	0.0058	U	0.033	0.0058	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
4-Nitrophenol	0.073	U	0.17	0.073	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
N-Nitrosodimethylamine	0.019	U	0.033	0.019	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
N-Nitrosodi-n-propylamine	0.0075	U	0.033	0.0075	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
N-Nitrosodiphenylamine	0.0061	U	0.033	0.0061	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
2,2'-oxybis[1-chloropropane]	0.0072	U	0.033	0.0072	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Pentachlorophenol	0.067	U	0.17	0.067	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Phenanthrene	0.0024	U	0.0067	0.0024	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Phenol	0.0065	U	0.033	0.0065	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
Pyrene	0.0033	U	0.0067	0.0033	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
1,2,4-Trichlorobenzene	0.0046	U	0.033	0.0046	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
2,4,5-Trichlorophenol	0.0076	U	0.033	0.0076	mg/Kg		03/09/15 10:58	03/12/15 16:38	1
2,4,6-Trichlorophenol	0.0079	U	0.033	0.0079	mg/Kg		03/09/15 10:58	03/12/15 16:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*11 - 130*	*03/09/15 10:58*	*03/12/15 16:38*	*1*
2-Fluorophenol	*66*		*10 - 130*	*03/09/15 10:58*	*03/12/15 16:38*	*1*
Nitrobenzene-d5	*63*		*18 - 130*	*03/09/15 10:58*	*03/12/15 16:38*	*1*
Phenol-d5	*67*		*10 - 130*	*03/09/15 10:58*	*03/12/15 16:38*	*1*
Terphenyl-d14	*83*		*27 - 130*	*03/09/15 10:58*	*03/12/15 16:38*	*1*
2,4,6-Tribromophenol	*78*		*24 - 130*	*03/09/15 10:58*	*03/12/15 16:38*	*1*

Lab Sample ID: LCS 680-373785/4-A
Matrix: Solid
Analysis Batch: 374337

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 373785

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	0.333	0.265		mg/Kg		80	13 - 130
Acenaphthylene	0.333	0.263		mg/Kg		79	10 - 130
Anthracene	0.333	0.255		mg/Kg		77	18 - 130
Benzo[a]anthracene	0.333	0.269		mg/Kg		81	16 - 130
Benzo[a]pyrene	0.333	0.271		mg/Kg		81	18 - 139
Benzo[b]fluoranthene	0.333	0.277		mg/Kg		83	18 - 130
Benzo[g,h,i]perylene	0.333	0.277		mg/Kg		83	21 - 130
Benzoic acid	0.333	0.0998	I	mg/Kg		30	10 - 130
Benzo[k]fluoranthene	0.333	0.280		mg/Kg		84	22 - 130
Benzyl alcohol	0.333	0.231		mg/Kg		69	10 - 130
Bis(2-chloroethoxy)methane	0.333	0.222		mg/Kg		66	15 - 130
Bis(2-chloroethyl)ether	0.333	0.192		mg/Kg		57	11 - 130
Bis(2-ethylhexyl) phthalate	0.333	0.316		mg/Kg		95	29 - 130
4-Bromophenyl phenyl ether	0.333	0.261		mg/Kg		78	13 - 130
Butyl benzyl phthalate	0.333	0.266		mg/Kg		80	30 - 130

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: LCS 680-373785/4-A
Matrix: Solid
Analysis Batch: 374337

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 373785

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloroaniline	0.333	0.0505	I	mg/Kg		15	10 - 130
4-Chloro-3-methylphenol	0.333	0.246		mg/Kg		74	18 - 130
2-Chloronaphthalene	0.333	0.264		mg/Kg		79	14 - 130
2-Chlorophenol	0.333	0.228		mg/Kg		69	10 - 130
4-Chlorophenyl phenyl ether	0.333	0.285		mg/Kg		85	15 - 130
Chrysene	0.333	0.258		mg/Kg		77	12 - 130
Dibenz(a,h)anthracene	0.333	0.266		mg/Kg		80	17 - 130
Dibenzofuran	0.333	0.267		mg/Kg		80	20 - 130
1,2-Dichlorobenzene	0.333	0.221		mg/Kg		66	12 - 130
1,3-Dichlorobenzene	0.333	0.215		mg/Kg		64	10 - 130
1,4-Dichlorobenzene	0.333	0.218		mg/Kg		66	10 - 130
3,3'-Dichlorobenzidine	0.333	0.140		mg/Kg		42	10 - 200
2,4-Dichlorophenol	0.333	0.246		mg/Kg		74	10 - 130
Diethyl phthalate	0.333	0.281		mg/Kg		84	24 - 130
2,4-Dimethylphenol	0.333	0.228		mg/Kg		68	10 - 134
Dimethyl phthalate	0.333	0.277		mg/Kg		83	20 - 130
Di-n-butyl phthalate	0.333	0.270		mg/Kg		81	10 - 130
4,6-Dinitro-2-methylphenol	0.666	0.390		mg/Kg		59	14 - 130
2,4-Dinitrophenol	0.666	0.342		mg/Kg		51	10 - 130
2,4-Dinitrotoluene	0.333	0.279		mg/Kg		84	19 - 130
2,6-Dinitrotoluene	0.333	0.280		mg/Kg		84	18 - 130
Di-n-octyl phthalate	0.333	0.258		mg/Kg		77	10 - 130
Fluoranthene	0.333	0.269		mg/Kg		81	14 - 130
Fluorene	0.333	0.277		mg/Kg		83	10 - 130
Hexachlorobenzene	0.333	0.261		mg/Kg		78	12 - 130
Hexachlorobutadiene	0.333	0.239		mg/Kg		72	10 - 130
Hexachlorocyclopentadiene	0.333	0.239		mg/Kg		72	10 - 130
Hexachloroethane	0.333	0.210		mg/Kg		63	10 - 130
Indeno[1,2,3-cd]pyrene	0.333	0.264		mg/Kg		79	11 - 130
Isophorone	0.333	0.217		mg/Kg		65	14 - 130
1-Methylnaphthalene	0.333	0.235		mg/Kg		71	14 - 130
2-Methylnaphthalene	0.333	0.240		mg/Kg		72	20 - 130
2-Methylphenol	0.333	0.224		mg/Kg		67	10 - 130
3 & 4 Methylphenol	0.333	0.231		mg/Kg		69	10 - 130
Naphthalene	0.333	0.229		mg/Kg		69	10 - 130
2-Nitroaniline	0.333	0.241		mg/Kg		72	21 - 130
3-Nitroaniline	0.333	0.0972	I	mg/Kg		29	10 - 134
4-Nitroaniline	0.333	0.234		mg/Kg		70	14 - 143
Nitrobenzene	0.333	0.205		mg/Kg		62	11 - 130
2-Nitrophenol	0.333	0.224		mg/Kg		67	10 - 130
4-Nitrophenol	0.666	0.490		mg/Kg		74	11 - 130
N-Nitrosodimethylamine	0.333	0.186		mg/Kg		56	10 - 130
N-Nitrosodi-n-propylamine	0.333	0.216		mg/Kg		65	16 - 130
N-Nitrosodiphenylamine	0.666	0.502		mg/Kg		75	22 - 130
2,2'-oxybis[1-chloropropane]	0.333	0.183		mg/Kg		55	10 - 130
Pentachlorophenol	0.666	0.515		mg/Kg		77	10 - 130
Phenanthrene	0.333	0.247		mg/Kg		74	18 - 130
Phenol	0.333	0.214		mg/Kg		64	10 - 130

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: LCS 680-373785/4-A
Matrix: Solid
Analysis Batch: 374337

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 373785

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyrene	0.333	0.253		mg/Kg		76	11 - 136
1,2,4-Trichlorobenzene	0.333	0.236		mg/Kg		71	11 - 130
2,4,5-Trichlorophenol	0.333	0.298		mg/Kg		90	16 - 130
2,4,6-Trichlorophenol	0.333	0.281		mg/Kg		84	15 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*81*		*11 - 130*
2-Fluorophenol	*69*		*10 - 130*
Nitrobenzene-d5	*65*		*18 - 130*
Phenol-d5	*69*		*10 - 130*
Terphenyl-d14	*84*		*27 - 130*
2,4,6-Tribromophenol	*94*		*24 - 130*

Lab Sample ID: 660-65727-6 MS
Matrix: Solid
Analysis Batch: 374337

Client Sample ID: A3SB-FD01-20150303
Prep Type: Total/NA
Prep Batch: 373785

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	0.019	U	0.385	0.334		mg/Kg	☼	87	13 - 130
Acenaphthylene	0.019	U	0.385	0.321		mg/Kg	☼	83	10 - 130
Anthracene	0.019	U	0.385	0.301		mg/Kg	☼	78	18 - 130
Benzo[a]anthracene	0.019	U	0.385	0.312		mg/Kg	☼	81	16 - 130
Benzo[a]pyrene	0.0069	U	0.385	0.317		mg/Kg	☼	82	18 - 139
Benzo[b]fluoranthene	0.019	U	0.385	0.356		mg/Kg	☼	93	18 - 130
Benzo[g,h,i]perylene	0.019	U	0.385	0.269		mg/Kg	☼	70	21 - 130
Benzoic acid	0.12	U J3	0.385	0.12	U J3	mg/Kg	☼	0	10 - 130
Benzo[k]fluoranthene	0.012	U	0.385	0.318		mg/Kg	☼	83	22 - 130
Benzyl alcohol	0.035	U	0.385	0.296		mg/Kg	☼	77	10 - 130
Bis(2-chloroethoxy)methane	0.037	U	0.385	0.283		mg/Kg	☼	74	15 - 130
Bis(2-chloroethyl)ether	0.037	U	0.385	0.256		mg/Kg	☼	67	11 - 130
Bis(2-ethylhexyl) phthalate	0.066	I V	0.385	0.333	I	mg/Kg	☼	69	29 - 130
4-Bromophenyl phenyl ether	0.040	U	0.385	0.312		mg/Kg	☼	81	13 - 130
Butyl benzyl phthalate	0.032	U	0.385	0.315		mg/Kg	☼	82	30 - 130
4-Chloroaniline	0.030	U	0.385	0.0614	I	mg/Kg	☼	16	10 - 130
4-Chloro-3-methylphenol	0.040	U	0.385	0.296		mg/Kg	☼	77	18 - 130
2-Chloronaphthalene	0.035	U	0.385	0.332		mg/Kg	☼	86	14 - 130
2-Chlorophenol	0.031	U	0.385	0.288		mg/Kg	☼	75	10 - 130
4-Chlorophenyl phenyl ether	0.037	U	0.385	0.358		mg/Kg	☼	93	15 - 130
Chrysene	0.019	U	0.385	0.309		mg/Kg	☼	80	12 - 130
Dibenz(a,h)anthracene	0.019	U	0.385	0.247		mg/Kg	☼	64	17 - 130
Dibenzofuran	0.039	U	0.385	0.345		mg/Kg	☼	90	20 - 130
1,2-Dichlorobenzene	0.050	U	0.385	0.287		mg/Kg	☼	75	12 - 130
1,3-Dichlorobenzene	0.032	U	0.385	0.278		mg/Kg	☼	72	10 - 130
1,4-Dichlorobenzene	0.030	U	0.385	0.273		mg/Kg	☼	71	10 - 130
3,3'-Dichlorobenzidine	0.098	U J3	0.385	0.098	U J3	mg/Kg	☼	0	10 - 200
2,4-Dichlorophenol	0.042	U	0.385	0.311		mg/Kg	☼	81	10 - 130
Diethyl phthalate	0.043	U	0.385	0.349		mg/Kg	☼	91	24 - 130
2,4-Dimethylphenol	0.044	U	0.385	0.283	I	mg/Kg	☼	74	10 - 134

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: 660-65727-6 MS
Matrix: Solid
Analysis Batch: 374337

Client Sample ID: A3SB-FD01-20150303
Prep Type: Total/NA
Prep Batch: 373785

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dimethyl phthalate	0.043	U	0.385	0.332		mg/Kg	☼	86	20 - 130
Di-n-butyl phthalate	0.098	U	0.385	0.328	I	mg/Kg	☼	85	10 - 130
4,6-Dinitro-2-methylphenol	0.098	U	0.769	0.153	I	mg/Kg	☼	20	14 - 130
2,4-Dinitrophenol	0.75	U J3	0.769	0.75	U J3	mg/Kg	☼	0	10 - 130
2,4-Dinitrotoluene	0.043	U	0.385	0.336		mg/Kg	☼	87	19 - 130
2,6-Dinitrotoluene	0.046	U	0.385	0.337		mg/Kg	☼	88	18 - 130
Di-n-octyl phthalate	0.021	U	0.385	0.313		mg/Kg	☼	81	10 - 130
Fluoranthene	0.019	U	0.385	0.325		mg/Kg	☼	84	14 - 130
Fluorene	0.019	U	0.385	0.349		mg/Kg	☼	91	10 - 130
Hexachlorobenzene	0.044	U	0.385	0.311		mg/Kg	☼	81	12 - 130
Hexachlorobutadiene	0.039	U	0.385	0.299		mg/Kg	☼	78	10 - 130
Hexachlorocyclopentadiene	0.021	U J3	0.385	0.0845	I	mg/Kg	☼	22	10 - 130
Hexachloroethane	0.033	U	0.385	0.236		mg/Kg	☼	61	10 - 130
Indeno[1,2,3-cd]pyrene	0.019	U	0.385	0.281		mg/Kg	☼	73	11 - 130
Isophorone	0.040	U	0.385	0.265		mg/Kg	☼	69	14 - 130
1-Methylnaphthalene	0.018	U	0.385	0.295		mg/Kg	☼	77	14 - 130
2-Methylnaphthalene	0.019	U	0.385	0.302		mg/Kg	☼	79	20 - 130
2-Methylphenol	0.036	U	0.385	0.285		mg/Kg	☼	74	10 - 130
3 & 4 Methylphenol	0.042	U	0.385	0.305		mg/Kg	☼	79	10 - 130
Naphthalene	0.019	U	0.385	0.289		mg/Kg	☼	75	10 - 130
2-Nitroaniline	0.040	U	0.385	0.302	I	mg/Kg	☼	78	21 - 130
3-Nitroaniline	0.039	U	0.385	0.128	I	mg/Kg	☼	33	10 - 134
4-Nitroaniline	0.048	U	0.385	0.234	I	mg/Kg	☼	61	14 - 143
Nitrobenzene	0.038	U	0.385	0.264		mg/Kg	☼	69	11 - 130
2-Nitrophenol	0.033	U	0.385	0.287		mg/Kg	☼	75	10 - 130
4-Nitrophenol	0.42	U	0.769	0.650	I	mg/Kg	☼	84	11 - 130
N-Nitrosodimethylamine	0.11	U	0.385	0.252		mg/Kg	☼	65	10 - 130
N-Nitrosodi-n-propylamine	0.043	U	0.385	0.278		mg/Kg	☼	72	16 - 130
N-Nitrosodiphenylamine	0.035	U	0.769	0.604		mg/Kg	☼	79	22 - 130
2,2'-oxybis[1-chloropropane]	0.042	U	0.385	0.250		mg/Kg	☼	65	10 - 130
Pentachlorophenol	0.39	U	0.769	0.512	I	mg/Kg	☼	67	10 - 130
Phenanthrene	0.014	U	0.385	0.302		mg/Kg	☼	79	18 - 130
Phenol	0.037	U	0.385	0.274		mg/Kg	☼	71	10 - 130
Pyrene	0.019	U	0.385	0.301		mg/Kg	☼	78	11 - 136
1,2,4-Trichlorobenzene	0.027	U	0.385	0.295		mg/Kg	☼	77	11 - 130
2,4,5-Trichlorophenol	0.044	U	0.385	0.350		mg/Kg	☼	91	16 - 130
2,4,6-Trichlorophenol	0.046	U	0.385	0.339		mg/Kg	☼	88	15 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*85*		*11 - 130*
2-Fluorophenol	*74*		*10 - 130*
Nitrobenzene-d5	*68*		*18 - 130*
Phenol-d5	*74*		*10 - 130*
Terphenyl-d14	*83*		*27 - 130*
2,4,6-Tribromophenol	*89*		*24 - 130*

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: 660-65727-6 MSD
Matrix: Solid
Analysis Batch: 374337

Client Sample ID: A3SB-FD01-20150303
Prep Type: Total/NA
Prep Batch: 373785

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	0.019	U	0.383	0.395		mg/Kg	☼	103	13 - 130	17	50
Acenaphthylene	0.019	U	0.383	0.380		mg/Kg	☼	99	10 - 130	17	50
Anthracene	0.019	U	0.383	0.358		mg/Kg	☼	93	18 - 130	17	50
Benzo[a]anthracene	0.019	U	0.383	0.377		mg/Kg	☼	98	16 - 130	19	50
Benzo[a]pyrene	0.0069	U	0.383	0.384		mg/Kg	☼	100	18 - 139	19	50
Benzo[b]fluoranthene	0.019	U	0.383	0.445		mg/Kg	☼	116	18 - 130	22	50
Benzo[g,h,i]perylene	0.019	U	0.383	0.257		mg/Kg	☼	67	21 - 130	5	50
Benzoic acid	0.12	U J3	0.383	0.209	I	mg/Kg	☼	54	10 - 130	NC	50
Benzo[k]fluoranthene	0.012	U	0.383	0.393		mg/Kg	☼	103	22 - 130	21	50
Benzyl alcohol	0.035	U	0.383	0.351		mg/Kg	☼	91	10 - 130	17	50
Bis(2-chloroethoxy)methane	0.037	U	0.383	0.337		mg/Kg	☼	88	15 - 130	17	50
Bis(2-chloroethyl)ether	0.037	U	0.383	0.305		mg/Kg	☼	80	11 - 130	17	50
Bis(2-ethylhexyl) phthalate	0.066	I V	0.383	0.413		mg/Kg	☼	90	29 - 130	22	50
4-Bromophenyl phenyl ether	0.040	U	0.383	0.371		mg/Kg	☼	97	13 - 130	17	50
Butyl benzyl phthalate	0.032	U	0.383	0.377		mg/Kg	☼	98	30 - 130	18	50
4-Chloroaniline	0.030	U	0.383	0.0716	I	mg/Kg	☼	19	10 - 130	15	50
4-Chloro-3-methylphenol	0.040	U	0.383	0.359		mg/Kg	☼	94	18 - 130	19	50
2-Chloronaphthalene	0.035	U	0.383	0.386		mg/Kg	☼	101	14 - 130	15	50
2-Chlorophenol	0.031	U	0.383	0.343		mg/Kg	☼	90	10 - 130	17	50
4-Chlorophenyl phenyl ether	0.037	U	0.383	0.428		mg/Kg	☼	112	15 - 130	18	50
Chrysene	0.019	U	0.383	0.365		mg/Kg	☼	95	12 - 130	17	50
Dibenz(a,h)anthracene	0.019	U	0.383	0.264		mg/Kg	☼	69	17 - 130	7	50
Dibenzofuran	0.039	U	0.383	0.401		mg/Kg	☼	105	20 - 130	15	50
1,2-Dichlorobenzene	0.050	U	0.383	0.333		mg/Kg	☼	87	12 - 130	15	50
1,3-Dichlorobenzene	0.032	U	0.383	0.315		mg/Kg	☼	82	10 - 130	13	50
1,4-Dichlorobenzene	0.030	U	0.383	0.315		mg/Kg	☼	82	10 - 130	14	50
3,3'-Dichlorobenzidine	0.098	U J3	0.383	0.098	U J3	mg/Kg	☼	0	10 - 200	NC	50
2,4-Dichlorophenol	0.042	U	0.383	0.367		mg/Kg	☼	96	10 - 130	17	50
Diethyl phthalate	0.043	U	0.383	0.415		mg/Kg	☼	108	24 - 130	17	50
2,4-Dimethylphenol	0.044	U	0.383	0.348	I	mg/Kg	☼	91	10 - 134	21	50
Dimethyl phthalate	0.043	U	0.383	0.398		mg/Kg	☼	104	20 - 130	18	50
Di-n-butyl phthalate	0.098	U	0.383	0.408	I	mg/Kg	☼	107	10 - 130	22	50
4,6-Dinitro-2-methylphenol	0.098	U	0.767	0.159	I	mg/Kg	☼	21	14 - 130	4	50
2,4-Dinitrophenol	0.75	U J3	0.767	0.75	U J3	mg/Kg	☼	0	10 - 130	NC	50
2,4-Dinitrotoluene	0.043	U	0.383	0.402		mg/Kg	☼	105	19 - 130	18	50
2,6-Dinitrotoluene	0.046	U	0.383	0.396		mg/Kg	☼	103	18 - 130	16	50
Di-n-octyl phthalate	0.021	U	0.383	0.384		mg/Kg	☼	100	10 - 130	20	50
Fluoranthene	0.019	U	0.383	0.388		mg/Kg	☼	101	14 - 130	18	50
Fluorene	0.019	U	0.383	0.416		mg/Kg	☼	109	10 - 130	18	50
Hexachlorobenzene	0.044	U	0.383	0.368		mg/Kg	☼	96	12 - 130	17	50
Hexachlorobutadiene	0.039	U	0.383	0.343		mg/Kg	☼	89	10 - 130	14	50
Hexachlorocyclopentadiene	0.021	U J3	0.383	0.0353	I J3	mg/Kg	☼	9	10 - 130	82	50
Hexachloroethane	0.033	U	0.383	0.233		mg/Kg	☼	61	10 - 130	1	50
Indeno[1,2,3-cd]pyrene	0.019	U	0.383	0.275		mg/Kg	☼	72	11 - 130	2	50
Isophorone	0.040	U	0.383	0.323		mg/Kg	☼	84	14 - 130	20	50
1-Methylnaphthalene	0.018	U	0.383	0.352		mg/Kg	☼	92	14 - 130	17	50
2-Methylnaphthalene	0.019	U	0.383	0.352		mg/Kg	☼	92	20 - 130	15	50
2-Methylphenol	0.036	U	0.383	0.342		mg/Kg	☼	89	10 - 130	18	50

Method: 8270D LL - Semivolatile Organic Compounds by GC/MS - Low Level (Continued)

Lab Sample ID: 660-65727-6 MSD
Matrix: Solid
Analysis Batch: 374337

Client Sample ID: A3SB-FD01-20150303
Prep Type: Total/NA
Prep Batch: 373785

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
3 & 4 Methylphenol	0.042	U	0.383	0.356		mg/Kg	☼	93	10 - 130	15	50
Naphthalene	0.019	U	0.383	0.340		mg/Kg	☼	89	10 - 130	17	50
2-Nitroaniline	0.040	U	0.383	0.350	I	mg/Kg	☼	91	21 - 130	15	50
3-Nitroaniline	0.039	U	0.383	0.134	I	mg/Kg	☼	35	10 - 134	4	50
4-Nitroaniline	0.048	U	0.383	0.204	I	mg/Kg	☼	53	14 - 143	14	50
Nitrobenzene	0.038	U	0.383	0.312		mg/Kg	☼	81	11 - 130	17	50
2-Nitrophenol	0.033	U	0.383	0.333		mg/Kg	☼	87	10 - 130	15	50
4-Nitrophenol	0.42	U	0.767	0.781	I	mg/Kg	☼	102	11 - 130	18	50
N-Nitrosodimethylamine	0.11	U	0.383	0.261		mg/Kg	☼	68	10 - 130	3	50
N-Nitrosodi-n-propylamine	0.043	U	0.383	0.326		mg/Kg	☼	85	16 - 130	16	50
N-Nitrosodiphenylamine	0.035	U	0.767	0.712		mg/Kg	☼	93	22 - 130	16	50
2,2'-oxybis[1-chloropropane]	0.042	U	0.383	0.301		mg/Kg	☼	78	10 - 130	18	50
Pentachlorophenol	0.39	U	0.767	0.599	I	mg/Kg	☼	78	10 - 130	16	50
Phenanthrene	0.014	U	0.383	0.361		mg/Kg	☼	94	18 - 130	18	50
Phenol	0.037	U	0.383	0.322		mg/Kg	☼	84	10 - 130	16	50
Pyrene	0.019	U	0.383	0.356		mg/Kg	☼	93	11 - 136	17	50
1,2,4-Trichlorobenzene	0.027	U	0.383	0.349		mg/Kg	☼	91	11 - 130	17	50
2,4,5-Trichlorophenol	0.044	U	0.383	0.425		mg/Kg	☼	111	16 - 130	19	50
2,4,6-Trichlorophenol	0.046	U	0.383	0.414		mg/Kg	☼	108	15 - 130	20	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*100*		*11 - 130*
2-Fluorophenol	*87*		*10 - 130*
Nitrobenzene-d5	*81*		*18 - 130*
Phenol-d5	*87*		*10 - 130*
Terphenyl-d14	*97*		*27 - 130*
2,4,6-Tribromophenol	*109*		*24 - 130*

Method: FL-PRO - Florida - Petroleum Range Organics (GC)

Lab Sample ID: MB 640-115356/1-A
Matrix: Solid
Analysis Batch: 115418

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 115356

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C8-C40)	2.5	U	10	2.5	mg/Kg		03/06/15 14:55	03/10/15 17:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*74*		*62 - 109*	*03/06/15 14:55*	*03/10/15 17:50*	*1*
n-C39	*83*		*60 - 118*	*03/06/15 14:55*	*03/10/15 17:50*	*1*

Method: FL-PRO - Florida - Petroleum Range Organics (GC) (Continued)

Lab Sample ID: LCS 640-115356/2-A
Matrix: Solid
Analysis Batch: 115418

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 115356

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Petroleum Hydrocarbons (C8-C40)			90.6	74.5		mg/Kg		82	63 - 153		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*86*		*62 - 109*
n-C39	*95*		*60 - 118*

Lab Sample ID: LCSD 640-115356/3-A
Matrix: Solid
Analysis Batch: 115418

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 115356

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Petroleum Hydrocarbons (C8-C40)			88.5	71.2		mg/Kg		80	63 - 153	5	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*85*		*62 - 109*
n-C39	*89*		*60 - 118*

Lab Sample ID: 660-65727-6 MS
Matrix: Solid
Analysis Batch: 115418

Client Sample ID: A3SB-FD01-20150303
Prep Type: Total/NA
Prep Batch: 115356

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Petroleum Hydrocarbons (C8-C40)	15		103	100		mg/Kg	☼	83	62 - 204		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*87*		*62 - 109*
n-C39	*77*		*60 - 118*

Lab Sample ID: 660-65727-6 MSD
Matrix: Solid
Analysis Batch: 115418

Client Sample ID: A3SB-FD01-20150303
Prep Type: Total/NA
Prep Batch: 115356

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Petroleum Hydrocarbons (C8-C40)	15		103	116		mg/Kg	☼	99	62 - 204	15	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*100*		*62 - 109*
n-C39	*100*		*60 - 118*

Method: FL-PRO - Florida - Petroleum Range Organics (GC) (Continued)

Lab Sample ID: MB 640-115368/1-A
Matrix: Water
Analysis Batch: 115436

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 115368

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C8-C40)	0.080	U	0.30	0.080	mg/L		03/08/15 23:45	03/11/15 17:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*97*		*82 - 142*	*03/08/15 23:45*	*03/11/15 17:17*	*1*
n-C39	*98*		*42 - 193*	*03/08/15 23:45*	*03/11/15 17:17*	*1*

Lab Sample ID: LCS 640-115368/2-A
Matrix: Water
Analysis Batch: 115436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 115368

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Petroleum Hydrocarbons (C8-C40)	2.72	2.30		mg/L		84	55 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*90*		*82 - 142*
n-C39	*90*		*42 - 193*

Lab Sample ID: LCSD 640-115368/3-A
Matrix: Water
Analysis Batch: 115436

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 115368

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Petroleum Hydrocarbons (C8-C40)	2.72	2.79		mg/L		103	55 - 118	19	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*106*		*82 - 142*
n-C39	*109*		*42 - 193*

Lab Sample ID: 660-65737-A-1-A MS
Matrix: Water
Analysis Batch: 115436

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 115368

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Petroleum Hydrocarbons (C8-C40)	0.080	U J3	2.72	2.93	J3	mg/L		108	41 - 101

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*108*		*82 - 142*
n-C39	*110*		*42 - 193*

Method: FL-PRO - Florida - Petroleum Range Organics (GC) (Continued)

Lab Sample ID: 660-65737-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115436 — **Prep Batch: 115368**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Petroleum Hydrocarbons (C8-C40)	0.080	U J3	2.72	3.07	J3	mg/L		113	41 - 101	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*112*		*82 - 142*
n-C39	*114*		*42 - 193*

Lab Sample ID: MB 640-115446/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 115465 — **Prep Batch: 115446**

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Petroleum Hydrocarbons (C8-C40)	2.5	U	10	2.5	mg/Kg		03/11/15 14:42	03/12/15 14:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*79*		*62 - 109*	*03/11/15 14:42*	*03/12/15 14:21*	*1*
n-C39	*93*		*60 - 118*	*03/11/15 14:42*	*03/12/15 14:21*	*1*

Lab Sample ID: LCS 640-115446/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 115491 — **Prep Batch: 115446**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Petroleum Hydrocarbons (C8-C40)			90.0	88.2		mg/Kg		98	63 - 153		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*98*		*62 - 109*
n-C39	*101*		*60 - 118*

Lab Sample ID: LCSD 640-115446/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 115491 — **Prep Batch: 115446**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Petroleum Hydrocarbons (C8-C40)			89.9	90.6		mg/Kg		101	63 - 153	3	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*104*		*62 - 109*
n-C39	*112*		*60 - 118*

Method: FL-PRO - Florida - Petroleum Range Organics (GC) (Continued)

Lab Sample ID: 640-50692-B-1-B MS
Matrix: Solid
Analysis Batch: 115491

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 115446

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Petroleum Hydrocarbons (C8-C40)	7100	J3	135	7570	J3	mg/Kg	☼	357	62 - 204

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*0*	*J1*	*62 - 109*
n-C39	*0*	*J1*	*60 - 118*

Lab Sample ID: 640-50692-B-1-C MSD
Matrix: Solid
Analysis Batch: 115491

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 115446

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Petroleum Hydrocarbons (C8-C40)	7100	J3	133	6170	J3	mg/Kg	☼	-694	62 - 204	20	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*0*	*J1*	*62 - 109*
n-C39	*0*	*J1*	*60 - 118*

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 680-373766/1-A
Matrix: Solid
Analysis Batch: 373970

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 373766

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.44	U	0.88	0.44	mg/Kg		03/09/15 13:40	03/09/15 20:53	1
Arsenic	0.088	U	0.22	0.088	mg/Kg		03/09/15 13:40	03/09/15 20:53	1
Barium	0.12	U	0.44	0.12	mg/Kg		03/09/15 13:40	03/09/15 20:53	1
Beryllium	0.022	U	0.044	0.022	mg/Kg		03/09/15 13:40	03/09/15 20:53	1
Cadmium	0.011	U	0.044	0.011	mg/Kg		03/09/15 13:40	03/09/15 20:53	1
Chromium	0.22	U	0.44	0.22	mg/Kg		03/09/15 13:40	03/09/15 20:53	1
Copper	0.18	U	0.44	0.18	mg/Kg		03/09/15 13:40	03/09/15 20:53	1
Lead	0.088	U	0.18	0.088	mg/Kg		03/09/15 13:40	03/09/15 20:53	1
Nickel	0.22	U	0.44	0.22	mg/Kg		03/09/15 13:40	03/09/15 20:53	1
Selenium	0.22	U	0.44	0.22	mg/Kg		03/09/15 13:40	03/09/15 20:53	1
Silver	0.044	U	0.088	0.044	mg/Kg		03/09/15 13:40	03/09/15 20:53	1
Thallium	0.022	U	0.088	0.022	mg/Kg		03/09/15 13:40	03/09/15 20:53	1
Zinc	0.49	U	1.8	0.49	mg/Kg		03/09/15 13:40	03/09/15 20:53	1

Lab Sample ID: LCS 680-373766/2-A
Matrix: Solid
Analysis Batch: 373970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 373766

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	4.72	4.34		mg/Kg		92	75 - 125
Arsenic	9.43	10.2		mg/Kg		108	75 - 125
Barium	9.43	9.76		mg/Kg		103	75 - 125

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-373766/2-A
Matrix: Solid
Analysis Batch: 373970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 373766

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	4.72	4.66		mg/Kg		99	75 - 125
Cadmium	4.72	4.75		mg/Kg		101	75 - 125
Chromium	9.43	10.0		mg/Kg		106	75 - 125
Copper	9.43	10.2		mg/Kg		108	75 - 125
Lead	47.2	48.2		mg/Kg		102	75 - 125
Nickel	9.43	10.1		mg/Kg		107	75 - 125
Selenium	9.43	10.1		mg/Kg		107	75 - 125
Silver	4.72	5.19		mg/Kg		110	75 - 125
Thallium	3.77	3.78		mg/Kg		100	75 - 125
Zinc	9.43	9.75		mg/Kg		103	75 - 125

Lab Sample ID: 660-65727-6 MS
Matrix: Solid
Analysis Batch: 373970

Client Sample ID: A3SB-FD01-20150303
Prep Type: Total/NA
Prep Batch: 373766

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.53	U J3	5.30	3.79	J3	mg/Kg	☼	71	75 - 125
Arsenic	0.49		10.6	10.9		mg/Kg	☼	99	75 - 125
Barium	8.6		10.6	19.1		mg/Kg	☼	100	75 - 125
Beryllium	0.061		5.30	5.11		mg/Kg	☼	95	75 - 125
Cadmium	0.018	I	5.30	5.14		mg/Kg	☼	97	75 - 125
Chromium	2.5		10.6	13.3		mg/Kg	☼	103	75 - 125
Copper	0.39	I	10.6	10.5		mg/Kg	☼	96	75 - 125
Lead	1.8		53.0	50.1		mg/Kg	☼	91	75 - 125
Nickel	0.71		10.6	11.0		mg/Kg	☼	97	75 - 125
Selenium	0.26	U	10.6	9.91		mg/Kg	☼	94	75 - 125
Silver	0.053	U	5.30	5.14		mg/Kg	☼	97	75 - 125
Thallium	0.026	U	4.24	3.85		mg/Kg	☼	91	75 - 125
Zinc	2.9		10.6	12.1		mg/Kg	☼	87	75 - 125

Lab Sample ID: 660-65727-6 MSD
Matrix: Solid
Analysis Batch: 373970

Client Sample ID: A3SB-FD01-20150303
Prep Type: Total/NA
Prep Batch: 373766

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.53	U J3	5.30	3.58	J3	mg/Kg	☼	68	75 - 125	5	20
Arsenic	0.49		10.6	11.4		mg/Kg	☼	103	75 - 125	4	20
Barium	8.6		10.6	19.1		mg/Kg	☼	100	75 - 125	0	20
Beryllium	0.061		5.30	5.08		mg/Kg	☼	95	75 - 125	1	20
Cadmium	0.018	I	5.30	4.95		mg/Kg	☼	93	75 - 125	4	20
Chromium	2.5		10.6	13.9		mg/Kg	☼	108	75 - 125	4	20
Copper	0.39	I	10.6	10.7		mg/Kg	☼	97	75 - 125	1	20
Lead	1.8		53.0	49.8		mg/Kg	☼	91	75 - 125	1	20
Nickel	0.71		10.6	11.1		mg/Kg	☼	98	75 - 125	2	20
Selenium	0.26	U	10.6	10.1		mg/Kg	☼	96	75 - 125	2	20
Silver	0.053	U	5.30	4.83		mg/Kg	☼	91	75 - 125	6	20
Thallium	0.026	U	4.24	3.81		mg/Kg	☼	90	75 - 125	1	20
Zinc	2.9		10.6	12.4		mg/Kg	☼	89	75 - 125	2	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 660-156296/13-A
Matrix: Solid
Analysis Batch: 156301

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 156296

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	U	0.030	0.012	mg/Kg		03/11/15 15:30	03/11/15 17:51	1

Lab Sample ID: LCS 660-156296/14-A
Matrix: Solid
Analysis Batch: 156301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 156296

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.152		mg/Kg		91	80 - 120

Lab Sample ID: 640-50654-L-2-C MS
Matrix: Solid
Analysis Batch: 156301

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 156296

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.014	U	0.200	0.176		mg/Kg	☼	88	80 - 120

Lab Sample ID: 640-50654-L-2-D MSD
Matrix: Solid
Analysis Batch: 156301

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 156296

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.014	U	0.187	0.171		mg/Kg	☼	91	80 - 120	3	20

Method: 9045C - pH

Lab Sample ID: MB 660-156200/1-A
Matrix: Solid
Analysis Batch: 156202

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.440				SU			03/09/15 06:50	1
Temperature	20.40				Degrees C			03/09/15 06:50	1

Lab Sample ID: LCS 660-156200/2-A
Matrix: Solid
Analysis Batch: 156202

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	6.00	6.020		SU		100	98 - 102

Lab Sample ID: 660-65727-6 DU
Matrix: Solid
Analysis Batch: 156202

Client Sample ID: A3SB-FD01-20150303
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.58		8.560		SU		0.2	20
Temperature	20.5		20.40		Degrees C		0.5	

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Method: Moisture - Percent Moisture

Lab Sample ID: 660-65728-B-1 DU
Matrix: Solid
Analysis Batch: 156142

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	83			84		%				0.5	
Percent Moisture	17			16		%				2	

GC/MS VOA

Analysis Batch: 156346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65727-1	A3SB-DPT0002-10.0-20150303	Total/NA	Water	8260B	
660-65727-1 DU	A3SB-DPT0002-10.0-20150303	Total/NA	Water	8260B	
660-65727-2	A3SB-DPT0002-25.0-20150303	Total/NA	Water	8260B	
LCS 660-156346/13	Lab Control Sample	Total/NA	Water	8260B	
MB 660-156346/15	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 156375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65727-3	A3SB-DPT0002-35.0-20150303	Total/NA	Water	8260B	
660-65727-3 DU	A3SB-DPT0002-35.0-20150303	Total/NA	Water	8260B	
660-65727-4	A3SB-DPT0002-45.0-20150303	Total/NA	Water	8260B	
660-65727-4 MS	A3SB-DPT0002-45.0-20150303	Total/NA	Water	8260B	
660-65727-5	A3SB-EB01-20150303	Total/NA	Water	8260B	
660-65727-7	A3SB-FD02-20150303	Total/NA	Water	8260B	
660-65727-9	A3SB-TB01-20150303	Total/NA	Water	8260B	
LCS 660-156375/4	Lab Control Sample	Total/NA	Water	8260B	
MB 660-156375/6	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 115358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-50657-D-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	3520C	
640-50657-G-1-A MS	Matrix Spike	Total/NA	Water	3520C	
660-65727-1	A3SB-DPT0002-10.0-20150303	Total/NA	Water	3520C	
660-65727-5	A3SB-EB01-20150303	Total/NA	Water	3520C	
660-65727-7	A3SB-FD02-20150303	Total/NA	Water	3520C	
LCS 640-115358/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 640-115358/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 640-115358/1-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 115372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-50657-D-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	8270D LL	115358
640-50657-G-1-A MS	Matrix Spike	Total/NA	Water	8270D LL	115358
660-65727-1	A3SB-DPT0002-10.0-20150303	Total/NA	Water	8270D LL	115358
660-65727-5	A3SB-EB01-20150303	Total/NA	Water	8270D LL	115358
660-65727-7	A3SB-FD02-20150303	Total/NA	Water	8270D LL	115358
LCS 640-115358/2-A	Lab Control Sample	Total/NA	Water	8270D LL	115358
LCSD 640-115358/3-A	Lab Control Sample Dup	Total/NA	Water	8270D LL	115358
MB 640-115358/1-A	Method Blank	Total/NA	Water	8270D LL	115358

Prep Batch: 115416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65692-D-4-A MS	Matrix Spike	Total/NA	Water	3520C	
660-65692-D-4-B MSD	Matrix Spike Duplicate	Total/NA	Water	3520C	
660-65727-1	A3SB-DPT0002-10.0-20150303	Total/NA	Water	3520C	
660-65727-5	A3SB-EB01-20150303	Total/NA	Water	3520C	
660-65727-7	A3SB-FD02-20150303	Total/NA	Water	3520C	
LCS 640-115416/2-A	Lab Control Sample	Total/NA	Water	3520C	

GC/MS Semi VOA (Continued)

Prep Batch: 115416 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 640-115416/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 640-115416/1-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 115441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65692-D-4-A MS	Matrix Spike	Total/NA	Water	8270D LL	115416
660-65692-D-4-B MSD	Matrix Spike Duplicate	Total/NA	Water	8270D LL	115416
660-65727-1	A3SB-DPT0002-10.0-20150303	Total/NA	Water	8270D LL	115416
660-65727-5	A3SB-EB01-20150303	Total/NA	Water	8270D LL	115416
660-65727-7	A3SB-FD02-20150303	Total/NA	Water	8270D LL	115416
LCS 640-115416/2-A	Lab Control Sample	Total/NA	Water	8270D LL	115416
LCSD 640-115416/3-A	Lab Control Sample Dup	Total/NA	Water	8270D LL	115416
MB 640-115416/1-A	Method Blank	Total/NA	Water	8270D LL	115416

Prep Batch: 373785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65727-6	A3SB-FD01-20150303	Total/NA	Solid	3546	
660-65727-6 MS	A3SB-FD01-20150303	Total/NA	Solid	3546	
660-65727-6 MSD	A3SB-FD01-20150303	Total/NA	Solid	3546	
660-65727-8	A3SB-SB0001-000.5-20150303	Total/NA	Solid	3546	
LCS 680-373785/4-A	Lab Control Sample	Total/NA	Solid	3546	
MB 680-373785/3-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 374337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65727-6	A3SB-FD01-20150303	Total/NA	Solid	8270D LL	373785
660-65727-6 MS	A3SB-FD01-20150303	Total/NA	Solid	8270D LL	373785
660-65727-6 MSD	A3SB-FD01-20150303	Total/NA	Solid	8270D LL	373785
660-65727-8	A3SB-SB0001-000.5-20150303	Total/NA	Solid	8270D LL	373785
LCS 680-373785/4-A	Lab Control Sample	Total/NA	Solid	8270D LL	373785
MB 680-373785/3-A	Method Blank	Total/NA	Solid	8270D LL	373785

GC Semi VOA

Prep Batch: 115356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65727-6	A3SB-FD01-20150303	Total/NA	Solid	3550B	
660-65727-6 MS	A3SB-FD01-20150303	Total/NA	Solid	3550B	
660-65727-6 MSD	A3SB-FD01-20150303	Total/NA	Solid	3550B	
LCS 640-115356/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCSD 640-115356/3-A	Lab Control Sample Dup	Total/NA	Solid	3550B	
MB 640-115356/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 115368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65727-1	A3SB-DPT0002-10.0-20150303	Total/NA	Water	3520C	
660-65727-5	A3SB-EB01-20150303	Total/NA	Water	3520C	
660-65727-7	A3SB-FD02-20150303	Total/NA	Water	3520C	
660-65737-A-1-A MS	Matrix Spike	Total/NA	Water	3520C	
660-65737-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	3520C	

GC Semi VOA (Continued)

Prep Batch: 115368 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 640-115368/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 640-115368/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 640-115368/1-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 115418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65727-6	A3SB-FD01-20150303	Total/NA	Solid	FL-PRO	115356
660-65727-6 MS	A3SB-FD01-20150303	Total/NA	Solid	FL-PRO	115356
660-65727-6 MSD	A3SB-FD01-20150303	Total/NA	Solid	FL-PRO	115356
LCS 640-115356/2-A	Lab Control Sample	Total/NA	Solid	FL-PRO	115356
LCSD 640-115356/3-A	Lab Control Sample Dup	Total/NA	Solid	FL-PRO	115356
MB 640-115356/1-A	Method Blank	Total/NA	Solid	FL-PRO	115356

Analysis Batch: 115436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65727-1	A3SB-DPT0002-10.0-20150303	Total/NA	Water	FL-PRO	115368
660-65727-5	A3SB-EB01-20150303	Total/NA	Water	FL-PRO	115368
660-65727-7	A3SB-FD02-20150303	Total/NA	Water	FL-PRO	115368
660-65737-A-1-A MS	Matrix Spike	Total/NA	Water	FL-PRO	115368
660-65737-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	FL-PRO	115368
LCS 640-115368/2-A	Lab Control Sample	Total/NA	Water	FL-PRO	115368
LCSD 640-115368/3-A	Lab Control Sample Dup	Total/NA	Water	FL-PRO	115368
MB 640-115368/1-A	Method Blank	Total/NA	Water	FL-PRO	115368

Prep Batch: 115446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-50692-B-1-B MS	Matrix Spike	Total/NA	Solid	3550B	
640-50692-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3550B	
660-65727-8	A3SB-SB0001-000.5-20150303	Total/NA	Solid	3550B	
LCS 640-115446/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCSD 640-115446/3-A	Lab Control Sample Dup	Total/NA	Solid	3550B	
MB 640-115446/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 115465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 640-115446/1-A	Method Blank	Total/NA	Solid	FL-PRO	115446

Analysis Batch: 115491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-50692-B-1-B MS	Matrix Spike	Total/NA	Solid	FL-PRO	115446
640-50692-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	FL-PRO	115446
660-65727-8	A3SB-SB0001-000.5-20150303	Total/NA	Solid	FL-PRO	115446
LCS 640-115446/2-A	Lab Control Sample	Total/NA	Solid	FL-PRO	115446
LCSD 640-115446/3-A	Lab Control Sample Dup	Total/NA	Solid	FL-PRO	115446

Metals

Prep Batch: 156296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-50654-L-2-C MS	Matrix Spike	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 156296 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-50654-L-2-D MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	
660-65727-6	A3SB-FD01-20150303	Total/NA	Solid	7471A	
660-65727-8	A3SB-SB0001-000.5-20150303	Total/NA	Solid	7471A	
LCS 660-156296/14-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 660-156296/13-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 156301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
640-50654-L-2-C MS	Matrix Spike	Total/NA	Solid	7471A	156296
640-50654-L-2-D MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	156296
660-65727-6	A3SB-FD01-20150303	Total/NA	Solid	7471A	156296
660-65727-8	A3SB-SB0001-000.5-20150303	Total/NA	Solid	7471A	156296
LCS 660-156296/14-A	Lab Control Sample	Total/NA	Solid	7471A	156296
MB 660-156296/13-A	Method Blank	Total/NA	Solid	7471A	156296

Prep Batch: 373766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65727-6	A3SB-FD01-20150303	Total/NA	Solid	3050B	
660-65727-6 MS	A3SB-FD01-20150303	Total/NA	Solid	3050B	
660-65727-6 MSD	A3SB-FD01-20150303	Total/NA	Solid	3050B	
660-65727-8	A3SB-SB0001-000.5-20150303	Total/NA	Solid	3050B	
LCS 680-373766/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 680-373766/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 373970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65727-6	A3SB-FD01-20150303	Total/NA	Solid	6020	373766
660-65727-6 MS	A3SB-FD01-20150303	Total/NA	Solid	6020	373766
660-65727-6 MSD	A3SB-FD01-20150303	Total/NA	Solid	6020	373766
660-65727-8	A3SB-SB0001-000.5-20150303	Total/NA	Solid	6020	373766
LCS 680-373766/2-A	Lab Control Sample	Total/NA	Solid	6020	373766
MB 680-373766/1-A	Method Blank	Total/NA	Solid	6020	373766

General Chemistry

Analysis Batch: 156142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65727-6	A3SB-FD01-20150303	Total/NA	Solid	Moisture	
660-65727-8	A3SB-SB0001-000.5-20150303	Total/NA	Solid	Moisture	
660-65728-B-1 DU	Duplicate	Total/NA	Solid	Moisture	

Leach Batch: 156200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65727-6	A3SB-FD01-20150303	Soluble	Solid	DI Leach	
660-65727-6 DU	A3SB-FD01-20150303	Soluble	Solid	DI Leach	
660-65727-8	A3SB-SB0001-000.5-20150303	Soluble	Solid	DI Leach	
LCS 660-156200/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
MB 660-156200/1-A	Method Blank	Soluble	Solid	DI Leach	

General Chemistry (Continued)

Analysis Batch: 156202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-65727-6	A3SB-FD01-20150303	Soluble	Solid	9045C	156200
660-65727-6 DU	A3SB-FD01-20150303	Soluble	Solid	9045C	156200
660-65727-8	A3SB-SB0001-000.5-20150303	Soluble	Solid	9045C	156200
LCS 660-156200/2-A	Lab Control Sample	Soluble	Solid	9045C	156200
MB 660-156200/1-A	Method Blank	Soluble	Solid	9045C	156200

Client Sample ID: A3SB-DPT0002-10.0-20150303

Lab Sample ID: 660-65727-1

Date Collected: 03/03/15 08:45
Matrix: Water
Date Received: 03/05/15 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	156346	03/13/15 15:59	ECC	TAL TAM
Total/NA	Prep	3520C			250 mL	0.5 mL	115416	03/10/15 17:00	JCS	TAL TAL
Total/NA	Analysis	8270D LL		1	250 mL	0.5 mL	115441	03/11/15 17:50	JMF	TAL TAL
Total/NA	Prep	3520C			260 mL	0.5 mL	115358	03/06/15 17:00	JCS	TAL TAL
Total/NA	Analysis	8270D LL		1	260 mL	0.5 mL	115372	03/09/15 22:09	JMF	TAL TAL
Total/NA	Prep	3520C			1060 mL	2.0 mL	115368	03/08/15 23:45	JCS	TAL TAL
Total/NA	Analysis	FL-PRO		1	1060 mL	2.0 mL	115436	03/11/15 19:35	VHW	TAL TAL

Client Sample ID: A3SB-DPT0002-25.0-20150303

Lab Sample ID: 660-65727-2

Date Collected: 03/03/15 09:52
Matrix: Water
Date Received: 03/05/15 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	156346	03/13/15 16:18	ECC	TAL TAM

Client Sample ID: A3SB-DPT0002-35.0-20150303

Lab Sample ID: 660-65727-3

Date Collected: 03/03/15 10:16
Matrix: Water
Date Received: 03/05/15 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	156375	03/14/15 12:50	ECC	TAL TAM

Client Sample ID: A3SB-DPT0002-45.0-20150303

Lab Sample ID: 660-65727-4

Date Collected: 03/03/15 10:40
Matrix: Water
Date Received: 03/05/15 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	156375	03/14/15 13:08	ECC	TAL TAM

Client Sample ID: A3SB-EB01-20150303

Lab Sample ID: 660-65727-5

Date Collected: 03/03/15 09:20
Matrix: Water
Date Received: 03/05/15 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	156375	03/14/15 14:30	ECC	TAL TAM
Total/NA	Prep	3520C			250 mL	0.5 mL	115416	03/10/15 17:00	JCS	TAL TAL
Total/NA	Analysis	8270D LL		1	250 mL	0.5 mL	115441	03/11/15 18:08	JMF	TAL TAL
Total/NA	Prep	3520C			260 mL	0.5 mL	115358	03/06/15 17:00	JCS	TAL TAL
Total/NA	Analysis	8270D LL		1	260 mL	0.5 mL	115372	03/09/15 22:28	JMF	TAL TAL
Total/NA	Prep	3520C			1060 mL	2.0 mL	115368	03/08/15 23:45	JCS	TAL TAL
Total/NA	Analysis	FL-PRO		1	1060 mL	2.0 mL	115436	03/11/15 19:48	VHW	TAL TAL

Client Sample ID: A3SB-FD01-20150303

Lab Sample ID: 660-65727-6

Date Collected: 03/03/15 12:30
Matrix: Solid
Date Received: 03/05/15 08:40
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.02 g	1 mL	373785	03/09/15 10:58	JMV	TAL SAV
Total/NA	Analysis	8270D LL		5	30.02 g	1 mL	374337	03/12/15 18:27	NED	TAL SAV
Total/NA	Prep	3550B			00030.32 g	2.0 mL	115356	03/06/15 14:55	QMC	TAL TAL
Total/NA	Analysis	FL-PRO		1	00030.32 g	2.0 mL	115418	03/10/15 18:58	VHW	TAL TAL
Total/NA	Prep	3050B			1.09 g	500 mL	373766	03/09/15 13:40	CRW	TAL SAV
Total/NA	Analysis	6020		1	1.09 g	500 mL	373970	03/09/15 21:07	BWR	TAL SAV
Total/NA	Prep	7471A			0.33 g	50 mL	156296	03/11/15 15:30	GH1	TAL TAM
Total/NA	Analysis	7471A		1	0.33 g	50 mL	156301	03/11/15 18:21	GH1	TAL TAM
Soluble	Leach	DI Leach			10 g	10 mL	156200	03/09/15 05:50	AJG	TAL TAM
Soluble	Analysis	9045C		1			156202	03/09/15 06:50	AJG	TAL TAM
Total/NA	Analysis	Moisture		1			156142	03/06/15 05:39	AJG	TAL TAM

Client Sample ID: A3SB-FD02-20150303

Lab Sample ID: 660-65727-7

Date Collected: 03/03/15 09:00
Matrix: Water
Date Received: 03/05/15 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	156375	03/14/15 15:07	ECC	TAL TAM
Total/NA	Prep	3520C			250 mL	0.5 mL	115416	03/10/15 17:00	JCS	TAL TAL
Total/NA	Analysis	8270D LL		1	250 mL	0.5 mL	115441	03/11/15 18:27	JMF	TAL TAL
Total/NA	Prep	3520C			260 mL	0.5 mL	115358	03/06/15 17:00	JCS	TAL TAL
Total/NA	Analysis	8270D LL		1	260 mL	0.5 mL	115372	03/09/15 22:47	JMF	TAL TAL
Total/NA	Prep	3520C			1060 mL	2.0 mL	115368	03/08/15 23:45	JCS	TAL TAL
Total/NA	Analysis	FL-PRO		1	1060 mL	2.0 mL	115436	03/11/15 20:02	VHW	TAL TAL

Client Sample ID: A3SB-SB0001-000.5-20150303

Lab Sample ID: 660-65727-8

Date Collected: 03/03/15 12:30
Matrix: Solid
Date Received: 03/05/15 08:40
Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.01 g	1 mL	373785	03/09/15 10:58	JMV	TAL SAV
Total/NA	Analysis	8270D LL		5	30.01 g	1 mL	374337	03/12/15 18:55	NED	TAL SAV
Total/NA	Prep	3550B			00030.55 g	2.0 mL	115446	03/11/15 14:42	QMC	TAL TAL
Total/NA	Analysis	FL-PRO		1	00030.55 g	2.0 mL	115491	03/13/15 16:23	CWA	TAL TAL
Total/NA	Prep	3050B			1.15 g	500 mL	373766	03/09/15 13:40	CRW	TAL SAV
Total/NA	Analysis	6020		1	1.15 g	500 mL	373970	03/09/15 21:43	BWR	TAL SAV
Total/NA	Prep	7471A			0.29 g	50 mL	156296	03/11/15 15:30	GH1	TAL TAM
Total/NA	Analysis	7471A		1	0.29 g	50 mL	156301	03/11/15 18:23	GH1	TAL TAM
Soluble	Leach	DI Leach			10 g	10 mL	156200	03/09/15 05:50	AJG	TAL TAM
Soluble	Analysis	9045C		1			156202	03/09/15 06:50	AJG	TAL TAM
Total/NA	Analysis	Moisture		1			156142	03/06/15 05:38	AJG	TAL TAM

Lab Chronicle

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Client Sample ID: A3SB-TB01-20150303
Date Collected: 03/03/15 00:00
Date Received: 03/05/15 08:40

Lab Sample ID: 660-65727-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	156375	03/14/15 14:48	ECC	TAL TAM

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Certification Summary

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-15

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E87052	06-30-15

Laboratory: TestAmerica Tallahassee

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-15

Method Summary

Client: InoMedic Health Applications Inc
Project/Site: T201410-4907-5095 A3SB PRL 218 Confirm

TestAmerica Job ID: 660-65727-1
SDG: T201410-4907-5095

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8270D LL	Semivolatile Organic Compounds by GC/MS - Low Level	SW846	TAL TAL
8270D LL	Semivolatile Organic Compounds by GC/MS - Low Level	SW846	TAL SAV
FL-PRO	Florida - Petroleum Range Organics (GC)	FL-DEP	TAL TAL
6020	Metals (ICP/MS)	SW846	TAL SAV
7471A	Mercury (CVAA)	SW846	TAL TAM
9045C	pH	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL TAM

Protocol References:

EPA = US Environmental Protection Agency

FL-DEP = State Of Florida Department Of Environmental Protection, Florida Administrative Code.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

InoMedic HEALTH APPLICATIONS

Environmental Sample Chain of Custody

Kennedy Space Center, FL 32899

CONTACT: RAICHART, DENNIS at (321) 861-5220, Dennis.W.Raichart@nasa.gov

Task Number: T201410-4907 -5095 Task Definition: A3SB PRL 218 Confirmatory Sampli **Results Due: Tuesday, March 17, 2015**

Permit ID: Permit Definition:

Site ID: Charge String : MESC.05.15.4.06.03.A.NY2CSMPL Customer Date/Time:

Number of Containers	Type of Containers
2	16oz Wide mouth, plastic jars (Unpreserved)
6	1L Amber glass jars (Preserved/HCl)
6	250mL Wide mouth, amber glass jars (Unpreserved)
18	40mL Glass vials (Preserved/HCl)
2	40mL Glass vials (Trip Blank/Preserved/HCl)
2	4oz Wide mouth, plastic jars (Unpreserved)
4	8oz Wide mouth, glass jars (Unpreserved)
2	8oz Wide mouth, plastic jars (Unpreserved)
42	**Total Containers**

Loc: 660 65727

660-65727 Chain of Custody

Mandate: (NA)

Comment

Please analyze the following groundwater samples for VOCs (8260), PAHs (8270LL) and TPH (FLPRO):
A3SB-DPT0002-10.0-20150303
A3SB-FD02-20150303
A3SB-EB01-20150303

Please analyze the following groundwater samples for VOCs (8260):
A3SB-DPT0002-25.0-20150303
A3SB-DPT0002-35.0-20150303
A3SB-DPT0002-45.0-20150303

Please analyze the following soil samples for Metals (6020/SPLP as needed), SVOCs (8270), TPH (FLPRO), pH (9045):
A3SB-SB0001-000.5-20150303
A3SB-FD01-20150303

4.8/4.3
5.2/4.7°C

Attachment: Sample Data and Parameter List

Custody

Sampler: BEATTY, AMANDA

Sample Date: 3/3/2015 Time: 8:45 AM

Sample Storage: Cool to 4 Deg. C

Signature: *NDC\abeatty* *3/3/2015 3:23:23 PM*

Concurred: MRDJENOVICH, TIM

Concur Date: 3/4/2015 Time: 11:43 AM

Concur Signature: *NDC\tmrdjeno* *3/4/2015 11:43:44 AM*

Courier: Test America

Date: 3/4/15 Time: 1215

Signature:

Laboratory: TATL

Date: 3/5/15 Time: 0840

Signature:

Environmental Sample Chain of Custody

Kennedy Space Center, FL 32899

CONTACT: RAICHART, DENNIS at (321) 861-5220, Dennis.W.Raichart@nasa.gov

Task Number: T201410-4907
Results Due: Tuesday, March 17, 2015

Sample ID	Date	Time	Matrix	Elevation	pH SU	CON umho/cm	DO mg/L	Cl2 mg/L	TCl2 mg/L	Temp C	Turb NTU	Vol Air	Vol Liqd
A3SB-DPT0002-10.0-20150303	3/3/2015	8:45	Ground Water	0.00	6.73	980.00	0.59	0.00	0.00	20.04	234.00	0	0
A3SB-DPT0002-25.0-20150303	3/3/2015	9:52	Ground Water	0.00	7.08	1476.00	0.14	0.00	0.00	22.19	0.00	0	0
A3SB-DPT0002-35.0-20150303	3/3/2015	10:16	Ground Water	0.00	7.14	2772.00	0.13	0.00	0.00	22.53	0.00	0	0
A3SB-DPT0002-45.0-20150303	3/3/2015	10:40	Ground Water	0.00	7.18	5208.00	0.16	0.00	0.00	22.50	976.00	0	0
A3SB-EB01-20150303	3/3/2015	9:20	Ground Water	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
A3SB-FD01-20150303	3/3/2015	12:30	Soil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
A3SB-FD02-20150303	3/3/2015	9:00	Ground Water	0.00	6.73	980.00	0.59	0.00	0.00	20.04	234.00	0	0
A3SB-SB0001-000.5-20150303	3/3/2015	12:30	Soil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0

Login Sample Receipt Checklist

Client: InoMedic Health Applications Inc

Job Number: 660-65727-1
SDG Number: T201410-4907-5095

Login Number: 65727
List Number: 1
Creator: Southers, Kristin B

List Source: TestAmerica Tampa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: InoMedic Health Applications Inc

Job Number: 660-65727-1
SDG Number: T201410-4907-5095

Login Number: 65727
List Number: 3
Creator: Kicklighter, Marilyn D

List Source: TestAmerica Savannah
List Creation: 03/06/15 09:38 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: InoMedic Health Applications Inc

Job Number: 660-65727-1
SDG Number: T201410-4907-5095

Login Number: 65727
List Number: 2
Creator: Gaskin, Jeremy P

List Source: TestAmerica Tallahassee
List Creation: 03/06/15 09:29 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	